



GAPCD
GEORGIA ALL-PAYER
CLAIMS DATABASE

Georgia All-Payer Claims Database

Advisory Committee Meeting

October 16th, 2024
11:00 am to 12:00 pm

Welcome

E-mail Questions/Comments: apcd@opb.georgia.gov

Meeting Agenda

Topic	Presenter	Time
Opening Remarks	Elizabeth Holcomb, Chair	11:00 – 11:05
Project Status	Katlynn Sifre, OHSC	11:05 – 11:10
Formation of FY25 Use Case Work Group	Elizabeth Holcomb, Chair	11:10 – 11:20
Data Access and Governance	Dr. Jon Duke, GTRI-CHAI	11:20 – 11:30
Analytics	Dr. Jon Duke, GTRI-CHAI	11:30 – 11:40
State agency engagement	Elizabeth Holcomb, Chair	11:40 – 11:50
Upcoming Activities and Next Steps	Elizabeth Holcomb, Chair	11:50 – 11:55
Questions	Elizabeth Holcomb, Chair	11:55 – 12:00
Meeting Adjournment	Elizabeth Holcomb, Chair	12:00

Committee Roster

Members / Credentials	Statutory Position Titles
Elizabeth Holcomb (Chair): Director, Office of Health Strategy and Coordination	Office of Health Strategy and Coordination Director
Senator Ben Watson, M.D.: District 1 State Senator, Senate Appropriations Health & Human Development Subcommittee Chair	Senate Appropriations Health & Human Development Subcommittee Chair
Representative Darlene Taylor: District 173 State House Rep., House Appropriations Health Subcommittee Chair	House Appropriations Health Subcommittee Chair
Chad Purcell: Chief Technology Officer, Georgia Dept. of Community Health	Department of Community Health Designee
Crysty Odom: (Retired) St. Mary's Foundation Director, St. Mary's Health Care System	Representative of Health Care Philanthropy – Governor Appointee
Vacant	Office of Insurance and Safety Fire Commissioner Designee
Gregory Esper, MD: Chief Clinical Financial Officer, Emory Healthcare	Representative of Medical Providers – Lt. Governor Appointee
Jon Duke, MD: Director, Center for Health Analytics and Informatics	GTRI Center for Health Analytics and Informatics Director
Kathleen Toomey MD, MPH: Commissioner of the Department of Public Health, State Health Officer	Department of Public Health Designee
Matthew Hicks: Sr. VP of Corporate Development, Sellers Dorsey & Associates	Hospital Industry Representative – Governor Appointee
Rick Dunn: Director, Governor's Office of Planning and Budget	Office of Planning and Budget Director
Vacant	Insurance Industry Representative – Speaker's Office Appointee

Key Milestones

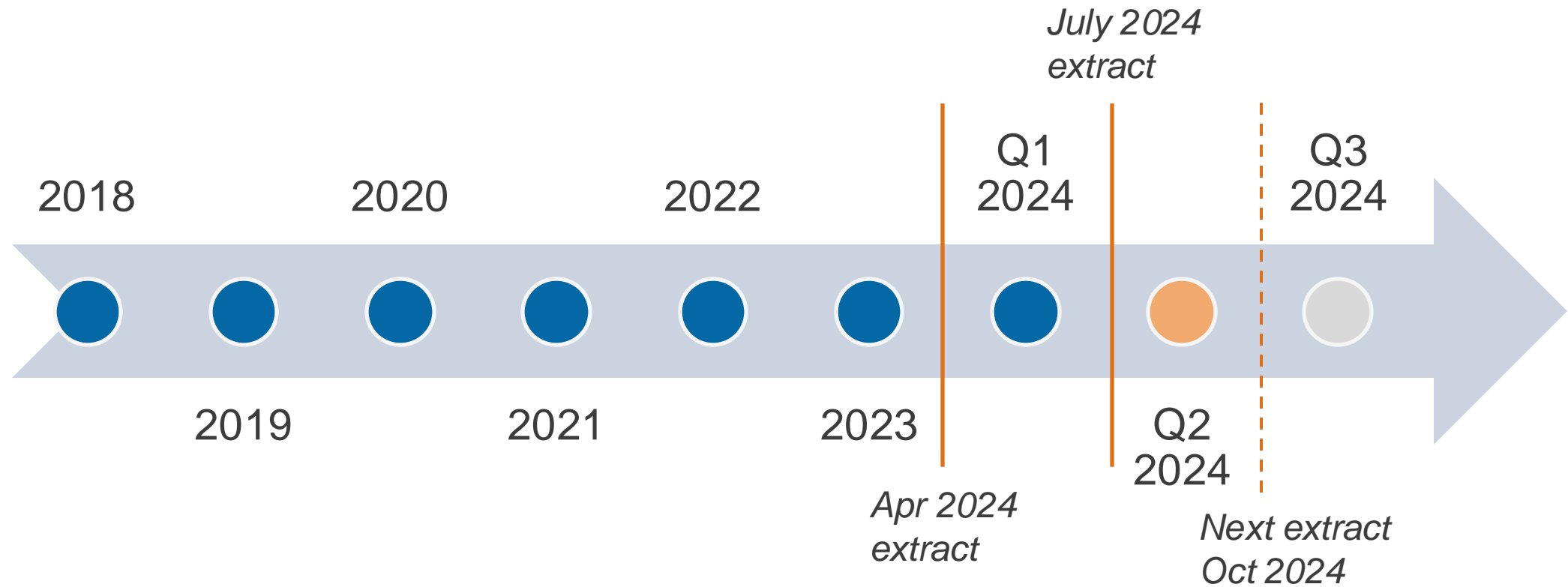
Milestone	Date	Status
Rules and Data Submission Guide Published	February 2023	Complete
Submitter Registration Deadline	March 2023	Complete
APCD Portal in Production	April 2023	Complete
Mandatory Submissions – Health & Pharmacy	June 1, 2023	Exceptions
Initial Mandatory Submissions – Dental	December 1, 2023	Complete
Initial Analytic Use Cases	January 2024	Complete
Last Historical Mandatory Submissions - Dental	May 2024	Complete
Data Application Release	July 2024	Complete
Payer Onboarding Completed	December 2024	On Track

Project Status

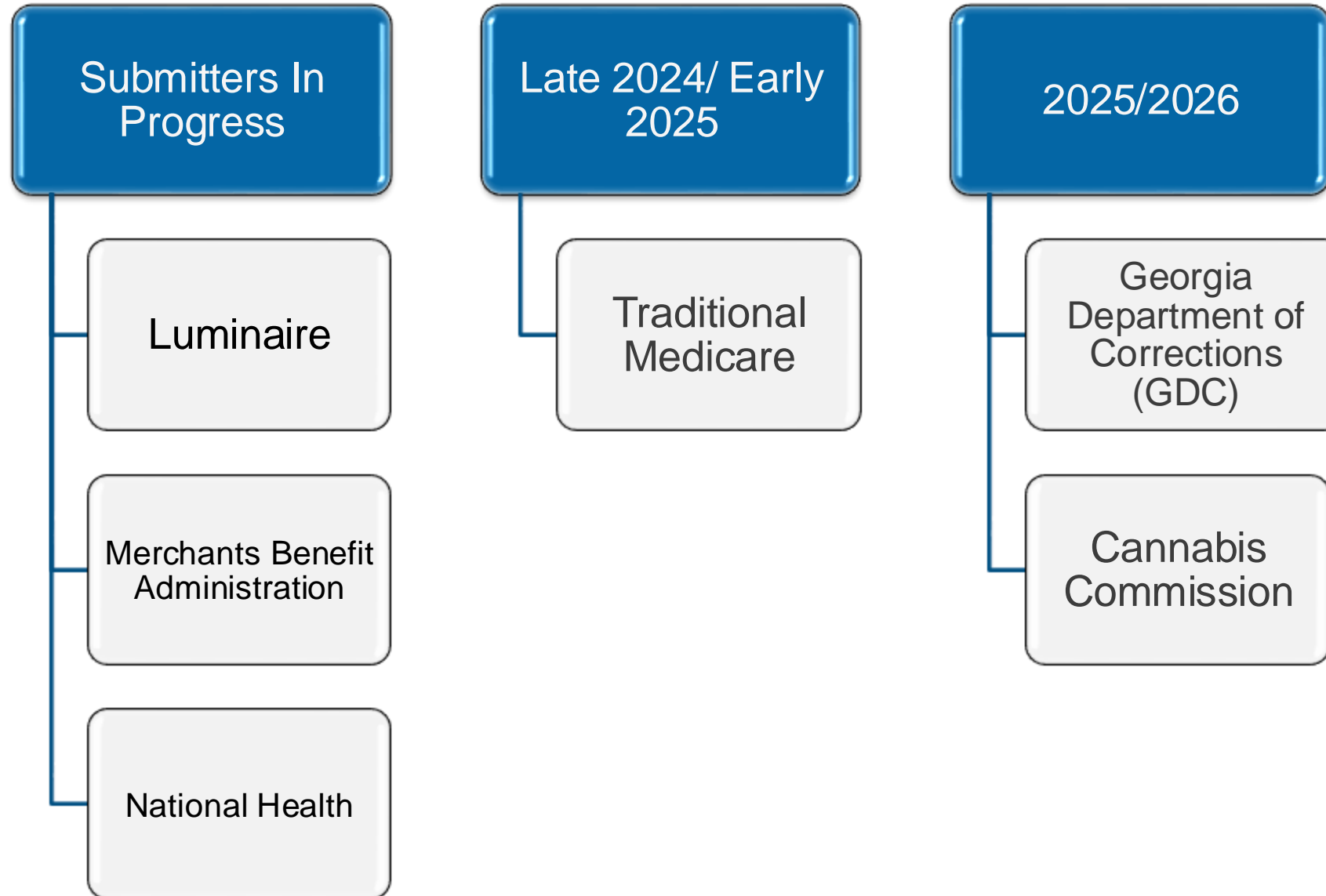
Katlynn Sifre, OHSC

Data in APCD tool

Medical/Pharmacy/Dental *



Planned Submitters



Formation of FY25 Use Case Work Group

Elizabeth Holcomb, OHSC

FY25 Use Case Workgroup

The FY25 Use Case Workgroup was empaneled by OHSC Director Elizabeth Holcomb

Members included a range of experts from Georgia government, academia, healthcare providers, and industry

Workgroup Members	Organization
Dean Burke MD	Department of Community Health
Hayley Gahlau	Speaker's Office
Becca Hallum	Georgia Hospital Association
Steve Hodges	Georgia Technology Authority
Ines Owens	Lt. Governor's Office
James Beal	Office of the Senate President Pro Tempore
Paula Brown	CareSource
Robert Palmer MD	Department of Public Health
Brian Pettersson	Department of Human Services
Angie Snyder	Georgia State University
Michael Toedt MD	Indian Health Service
Steven Walsh MD	Medical Association of Georgia
Anelia Moore	Office of Health Strategy and Coordination

FY25 Use Case Workgroup

FY25 Use Case Workgroup Meeting

- The workgroup met virtually in September 2024 to identify and discuss potential topics to prioritize
- Preliminary topics were then curated based on data availability and feasibility of conducting the necessary analyses using APCD data

Data Access and Governance

Dr. Jon Duke, CHAI

Who can apply for non-public data?

Types of data requestors may include :

- Researchers
- Government entities
- Providers / health systems
- Payers
- Industry
- Employers

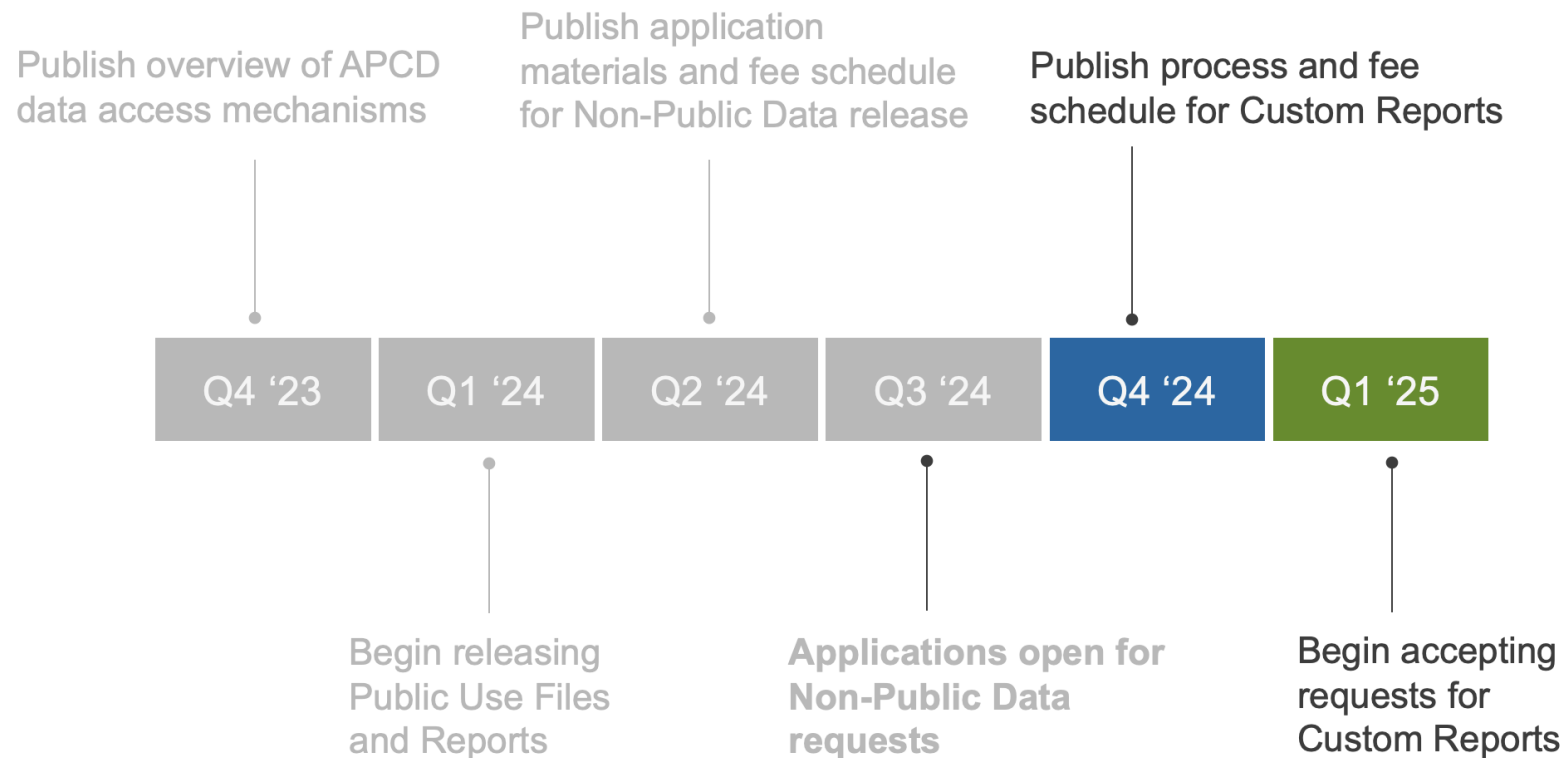
Data requesters must be affiliated with an organization

High-Level Requirements for Receiving Data

- Purpose
 - Request aligns with Georgia APCD objectives
 - Data use will benefit the citizens of Georgia
- Requester characteristics
 - Methodological expertise to analyze the data
 - Security infrastructure to protect data
- Requested data
 - Limited to minimum data necessary to answer a research question
 - Justification required for certain data elements

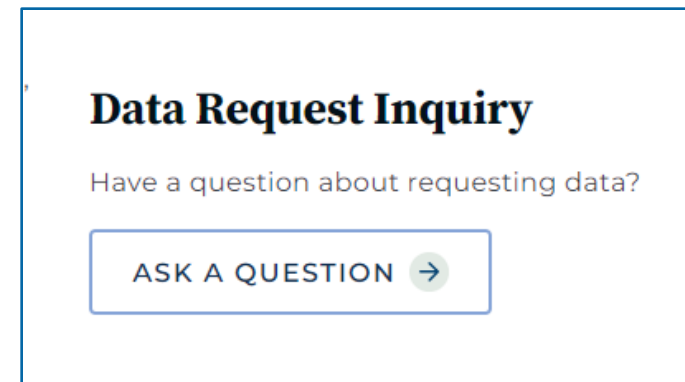
Custom Reports are Coming!

- For those who have need for APCD data, but whose organizations may lack the methodological expertise to perform the analyses, we will be rolling out Custom Reports soon



Data Request Inquiries

- Potential data users can submit inquiries either via online form or directly contacting the Administrator via email
- We have received **8 data request inquiries via website**
 - 6 academic researchers
 - 1 industry
 - 1 payer
- We have received **6 inquiries via email**
 - 2 academic researchers
 - 1 state agency
 - 1 federal agency
 - 1 city program
 - 1 community non-profit



Application Requests

- Potential data users can request applications via the website and are automatically sent an individualized application link
- We have received **19 application requests**

Dear Jon Test,

Thank you for your interest in the Georgia APCD. Please use the following link to access your Georgia APCD Data Request Application (please note that this link is individualized for your application).

[Click to Begin Your Application.](#)

Or copy and paste the URL below into your internet browser:

[https://gatech.co1.qualtrics.com/jfe/form/SV_0iF2bEQrQfAQa46?
Q_DL=ubfKfXeKTdgFB0q_0iF2bEQrQfAQa46_CGC_bcwgVcw1C8TqJYH&Q_CHL=email](https://gatech.co1.qualtrics.com/jfe/form/SV_0iF2bEQrQfAQa46?Q_DL=ubfKfXeKTdgFB0q_0iF2bEQrQfAQa46_CGC_bcwgVcw1C8TqJYH&Q_CHL=email)

Need to pause in the middle of filling out the application? You can come back to your in-progress application using the link above.

If you have any questions about the application, please contact us at info.apcd@gtri.gatech.edu.

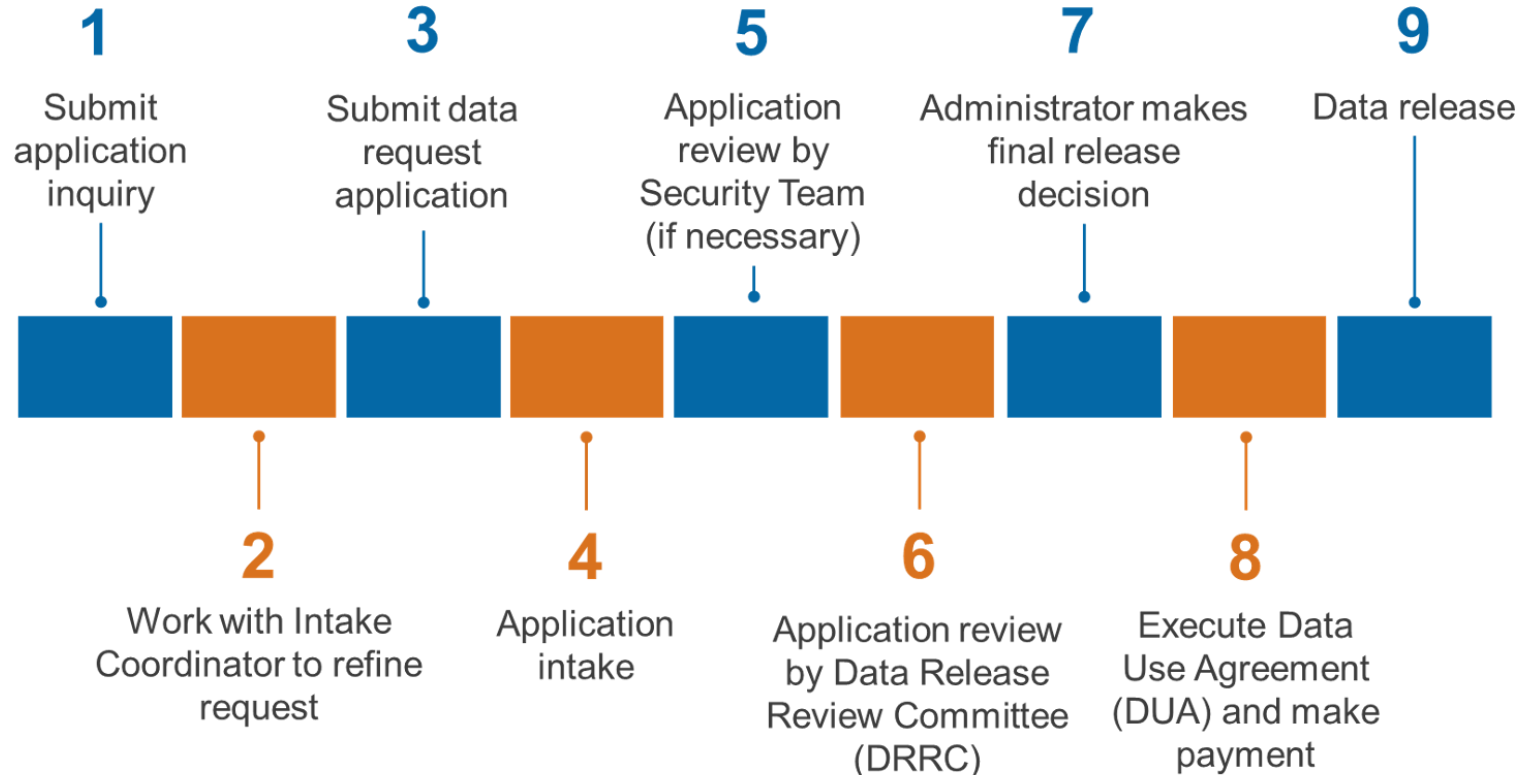
Thank you,
Georgia APCD Team



info.apcd@gtri.gatech.edu
apcd.georgia.gov

Application Submissions

- We have had **2 completed applications submitted and reviewed** by the Data Release Review Committee



Data Release Review Committee

- At the monthly DRRC meeting, the committee had a chance to discuss the applications, meet with the requesters, and refine the final approved data release
- **Both applications were approved**, with modifications ensuring optimal methods and minimum necessary data were released

Row-Level Data Requests		
Line(s) of Business	Claim Type(s)	Cohort Selection
<input checked="" type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Inpatient	<input type="checkbox"/> Row-level data on a specific cohort
<input checked="" type="checkbox"/> State Health Benefits Plan	<input checked="" type="checkbox"/> Outpatient	<input type="checkbox"/> Row-level cohort PLUS aggregate data on full GA APCD population
<input checked="" type="checkbox"/> Medicaid	<input checked="" type="checkbox"/> Professional	<input checked="" type="checkbox"/> Row-level data on all patients in the GA APCD
<input checked="" type="checkbox"/> Medicare Advantage	<input checked="" type="checkbox"/> Pharmacy	
	<input type="checkbox"/> Dental	

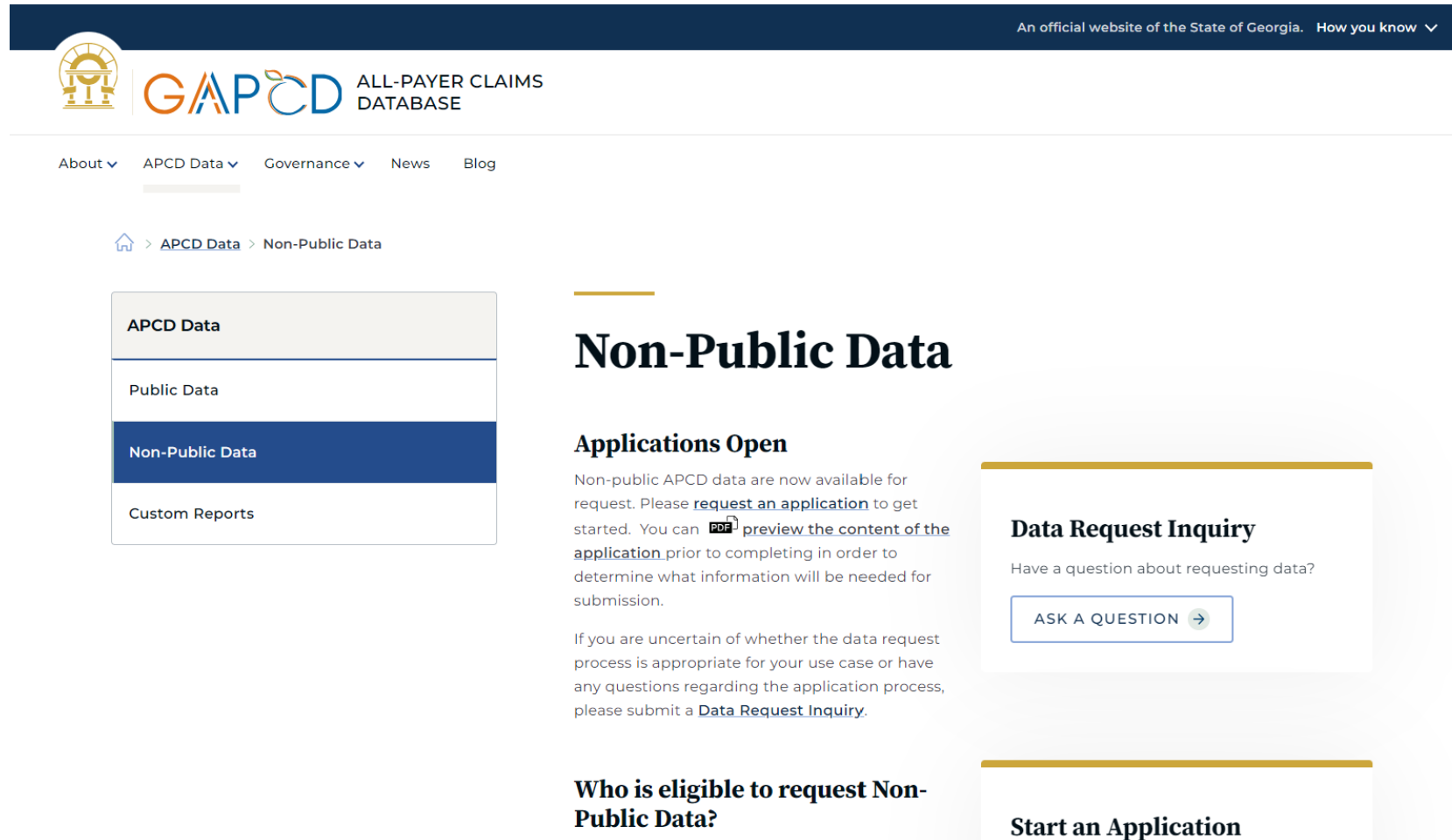
Available for Limited Dataset extracts	
<input type="checkbox"/> Member 3-digit zip code	<input checked="" type="checkbox"/> Year of Service (with sequence information)
<input checked="" type="checkbox"/> Member 5-digit zip code	<input type="checkbox"/> Dates of Service (month, year, day)

A Note for State Agencies

If you are a Georgia state agency interested in working with APCD data, please contact OHSC Director Elizabeth Holcomb at elizabeth.holcomb@opb.georgia.gov

All Other Requesters

Visit <https://apcd.georgia.gov/data-reports/non-public-data>



The screenshot shows the APCD website's navigation and content. At the top right, it says "An official website of the State of Georgia. How you know". The main header features the APCD logo and the text "ALL-PAYER CLAIMS DATABASE". Below this is a navigation menu with "About", "APCD Data", "Governance", "News", and "Blog". A breadcrumb trail shows "Home > APCD Data > Non-Public Data". On the left, a sidebar menu lists "APCD Data", "Public Data", "Non-Public Data" (highlighted), and "Custom Reports". The main content area has a heading "Non-Public Data" followed by a sub-heading "Applications Open". The text explains that non-public data is available for request and provides a link to "request an application". It also mentions a PDF preview option. A "Data Request Inquiry" section includes a question "Have a question about requesting data?" and a button "ASK A QUESTION". At the bottom, there is a section titled "Who is eligible to request Non-Public Data?" and a button "Start an Application".

Non-Public Data

Applications Open

Non-public APCD data are now available for request. Please [request an application](#) to get started. You can [PDF](#) preview the content of the [application](#) prior to completing in order to determine what information will be needed for submission.

If you are uncertain of whether the data request process is appropriate for your use case or have any questions regarding the application process, please submit a [Data Request Inquiry](#).

Data Request Inquiry

Have a question about requesting data?

[ASK A QUESTION](#) →

Who is eligible to request Non-Public Data?

[Start an Application](#)

Analytics

Dr. Jon Duke, CHAI

Analytics Update

- APCD Patient Count Update
- Extract Generation Process
- Advancing Analytic Capabilities
 - Embedding Distance to Care in Claims Data
 - Provider True Availability

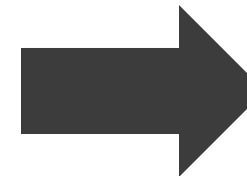
APCD Patient Counts Q2 2024

CLASS	YEAR	PERSONS
DENTAL	2018	2,580,219
DENTAL	2019	2,614,882
DENTAL	2020	3,003,365
DENTAL	2021	3,422,207
DENTAL	2022	3,780,229
DENTAL	2023	4,169,023
DENTAL	2024	3,603,176
MEDICAL	2018	4,765,681
MEDICAL	2019	4,832,744
MEDICAL	2020	5,060,095
MEDICAL	2021	5,585,123
MEDICAL	2022	5,755,726
MEDICAL	2023	6,065,802
MEDICAL	2024	5,554,488
PHARMACY	2018	5,096,311
PHARMACY	2019	5,112,875
PHARMACY	2020	5,252,319
PHARMACY	2021	5,817,286
PHARMACY	2022	6,158,571
PHARMACY	2023	6,482,473
PHARMACY	2024	7,449,897

Extract Generation Process

Standard Data Modules	
<input checked="" type="checkbox"/> Member Information	<ul style="list-style-type: none"> Age Gender Zip Race (limited) Ethnicity (limited)
<input checked="" type="checkbox"/> Member Coverage	<ul style="list-style-type: none"> Dates of coverage Insurance coverage class (Medical, Pharmacy, Dental)
<input checked="" type="checkbox"/> Medical Claims	<ul style="list-style-type: none"> Date of service (admission/discharge dates) Care site type (inpatient, outpatient) Procedure code (modifier) Diagnosis codes
<input checked="" type="checkbox"/> Medical Claims Costs	<ul style="list-style-type: none"> Charge amount Plan paid amount Member co-pay Member deductible
<input checked="" type="checkbox"/> Pharmacy Claims	<ul style="list-style-type: none"> Dispensing date NDC code Drug name Quantity/Month supply
<input checked="" type="checkbox"/> Pharmacy Claims Costs	<ul style="list-style-type: none"> Charge amount Plan paid amount Member co-pay Member deductible
<input checked="" type="checkbox"/> Provider Information	Provider Info with NPI <ul style="list-style-type: none"> NPI Name Organization name City State Zip Specialty
<input type="checkbox"/> Payer Information	<ul style="list-style-type: none"> Submitter name Payer ID/NAIC ID Product Type (Commercial, Medicare, Medicaid) Product Subtype (FFS, Managed Care)
<input type="checkbox"/> Dental Claims	<ul style="list-style-type: none"> Dates of service Service provided Dental quadrant Tooth number Tooth surface

Line(s) of Business		Claim Type(s)
<input checked="" type="checkbox"/> Commercial		<input type="checkbox"/> Inpatient
<input checked="" type="checkbox"/> State Health Benefits Plan		<input type="checkbox"/> Outpatient
<input type="checkbox"/> Medicaid		<input type="checkbox"/> Professional
<input checked="" type="checkbox"/> Medicare Advantage		<input type="checkbox"/> Pharmacy
		<input type="checkbox"/> Dental
Year(s) of Data		
<input checked="" type="checkbox"/> 2018	<input checked="" type="checkbox"/> 2021	
<input checked="" type="checkbox"/> 2019	<input checked="" type="checkbox"/> 2022	
<input checked="" type="checkbox"/> 2020	<input checked="" type="checkbox"/> 2023	
Cohort Selection		
<input type="checkbox"/> Row-level data on a specific cohort		
<input checked="" type="checkbox"/> Row-level cohort PLUS aggregate data on full GA APCD population		
<input type="checkbox"/> Row-level data on all patients in the GA APCD		



APCD
Analytics
Team



Extract Generation Process

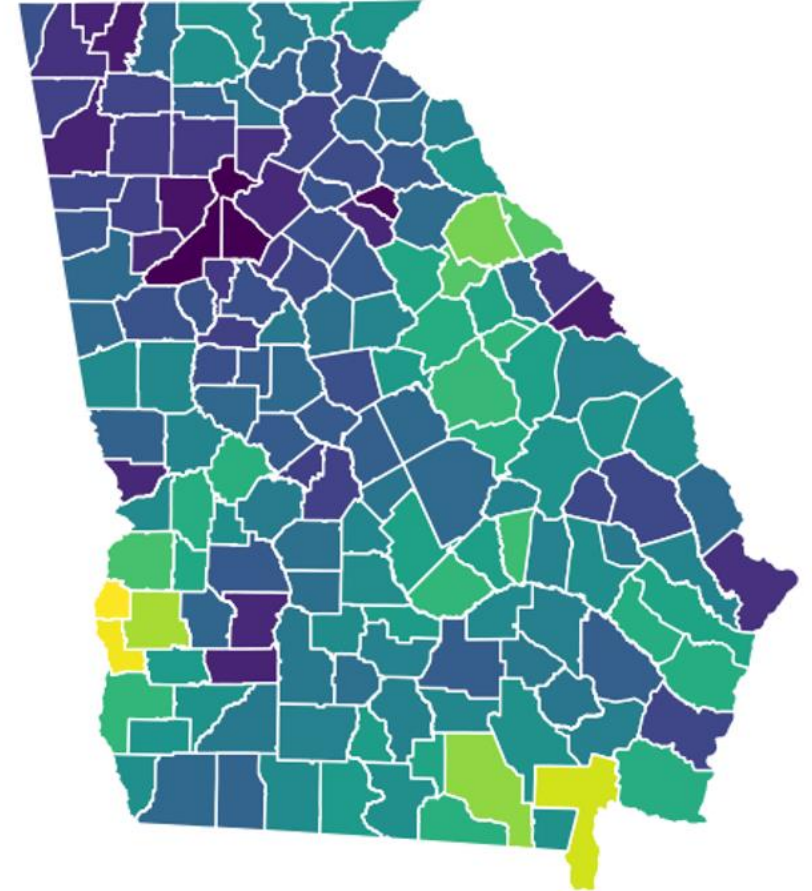
Table	Field Name	Description	Member	Medical Claims	Medical Costs	Pharmacy Claims	Pharmacy Costs	Dental Claims	Dental Costs	Payer
medical	claim_status_id	This field contains an ID that identifies a unique Claim Status Code.		X						
medical	claim_status_code	This field contains a code that identifies the status of the claim line — whether paid as primary, paid as secondary, etc.		X						
medical	payment_arrangement_ind_id	This field contains an ID that identifies a unique Payment Arrangement Indicator Code.			X					
medical	payment_arrangement_ind_code	This field contains a code that identifies the payment arrangement under which this service line was processed (e.g., capitation, bundled payments, etc.).			X					
medical	quantity	This field contains a count of performed services.		X						
medical	unit_of_measure	This field contains the type of units reported in the quantity field		X						
medical	charge_amt	This field identifies the total charges for the service.			X					
medical	paid_amt	This field identifies the total dollar amount paid to the provider by the health plan.			X					
medical	copay_amt	This field identifies the preset, fixed dollar amount payable by a member, often on a per visit/service basis.			X					
medical	coinsurance_amt	This field identifies the dollar amount that a member must pay toward the cost of a covered service, which is often a percentage of total cost.			X					
medical	deductible_amt	This field identifies the dollar amount that a member must pay before the health plan benefits will begin to reimburse for services.			X					
medical	submitter_supplied_allowed_amt	For claim records reported as capitated, this field identifies the fee-for-service equivalent that would have been paid by the healthcare claims processor for a specific service if the service had not been capitated payment arrangement. For claim records are reported as paid under a fee for service arrangement, this field identifies the amount contractually allowed.			X					
medical	managed_care_withhold_amt	This field identifies the dollar amount of the managed care withhold for contracted providers.			X					
medical	other_ins_paid_amt	This field identifies the amount that a prior payer paid for this claim line. Indicates the submitting payer is secondary to the prior payer.			X					
medical	cob_tpl_amt	This field identifies the amount for which another payer was liable after the submitting payer processed this claim line.			X					
medical	icd_version_ind	This field contains a code that identifies the version of ICD used to report this service line. Valid values are: 9 = ICD-9 0 = ICD-10		X						
medical	admitting_diagnosis_code	This field contains the admitting diagnosis code.		X						
medical	principal_diagnosis_code	This field contains the principal diagnosis code.		X						
medical	diagnosis_code_other_1	This field contains the first other diagnosis code.		X						
medical	diagnosis_code_other_2	This field contains the second other diagnosis code.		X						
medical	diagnosis_code_other_3	This field contains the third diagnosis code.		X						
medical	diagnosis_code_other_4	This field contains the fourth diagnosis code.		X						
medical	diagnosis_code_other_5	This field contains the fifth diagnosis code.		X						
medical	diagnosis_code_other_6	This field contains the sixth diagnosis code.		X						
medical	diagnosis_code_other_7	This field contains the seventh diagnosis code.		X						

Advancing Analytics Capabilities

- When we are between use cases or data extracts, we aim to advance a limited number of key capability areas that we believe will be valuable for upcoming use cases and external researchers
- Today we would like to talk about three of these:
 - Embedding Distance to Care in Claims Data
 - Provider True Availability

Embedding Distance to Care in Claims Data

- Distance to service is an important component of access to care, enabling
 - Identifying disparities
 - Assessing unmet needs within health systems
 - Analyzing how distance affects health outcomes and how both change over time
- Calculating distance to care requires granular location data (e.g., ZIP5) for both patient and provider
 - Can elevate a dataset from deidentified to LDS
 - Increases security and other requirements



Distance to Service

- We are aiming to reduce the necessity for PHI while still enabling distance-based analysis
- We are pre-generating a table with distance in miles between the patient ZIP and the rendering provider ZIP for each medical claim in Georgia
- Can be joined by claim ID for analysis on a wide range of topics from outcomes to access

medical_claim_service_line_id	distance_to_service
0123456789	37.8
9876543210	18.3
0246813579	11.4
...	...

Provider True Availability

- Understanding access to care in Georgia requires an accurate understanding of provider availability
- Historically, this information is gleaned through
 - Licensing information
 - Web scraping
 - Physician databases (eg AMA, NPPES)
- There is a difference however between the presence of a physician or office in a given county and their availability to deliver care

Provider True Availability

- We performed an analysis of provider services delivered stratified by
 - Day of week
 - ZIP / County
 - Specialty
- Limited this analysis to outpatient visits

Provider True Availability

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 - Physician databases (eg AMA, NPPES)
- There is a difference however between the presence of a physician or office in a given county and their availability to deliver care

Provider True Availability

Seminole	Family Medicine	5	5	5	5	5	3	3
	Internal Medicine	1	1	1	1	1	1	1
	Obstetrics & Gynecology	2	3	2	2	1	1	2
	Pediatrics	2	2	2	2	2	2	1
Spalding	Family Medicine	12	12	12	12	12	9	7
	General Practice	1						
	Internal Medicine	27	27	27	27	27	22	23
	Obstetrics & Gynecology	6	6	6	6	6	4	4
	Pediatrics	6	6	5	5	6		
Stephens	Family Medicine	7	7	7	7	7	5	4
	Internal Medicine	7	7	7	7	7	6	5
	Obstetrics & Gynecology			1				
	Pediatrics	7	7	7	7	7	2	5
Stewart	Family Medicine	1	1	1	1	1	1	1
Sumter	Family Medicine	8	8	9	8	8	7	8
	Internal Medicine	8	7	8	7	8	6	7
	Obstetrics & Gynecology	7	7	7	7	7	6	5
	Pediatrics	2	2	2	2	3	2	2
Tattnall	Family Medicine	4	4	4	5	4		
	Internal Medicine	1	1	2	1	1	1	1
Telfair	General Practice	1	1	1	1	1		
Terrell	Family Medicine	2	2	2	2	2	2	2
	Internal Medicine	1	1	1	1	1	1	1
Murray	Family Medicine	10	10	9	9	9	6	6
	Internal Medicine	4	4	4	4	4	4	4

State agency engagement

Elizabeth Holcomb, OHSC

Questions?

Upcoming Activities and Next Steps

Elizabeth Holcomb, OHSC

Upcoming Activities and Next Steps

- Finalize and prioritize use cases
- Continued work with Submitters
 - Medicare Traditional Data
 - Luminaire
 - Merchants Benefit Administration
 - National Health
 - GDC
 - Cannabis Commission
- Custom Reports

Adjournment

Next Meeting – December 11th for Q4 2024 presentation