Massachusetts All-Payer Claims Database: Technical Assistance Group (TAG)

December 13, 2016

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Agenda

- Annual Premiums Data Request, Enrollment Trends and Medical Expenditure Trends Updates

- APCD Compliance Updates:
  - Version 6.0 Changes
  - DOI Reporting

- Wrap Up

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CHIA Reporting Updates:
Annual Premiums Data Request, Enrollment Trends, and Medical Expenditure Trends

Ashley Storms | *Associate Analytic Reporting Manager*

December 12, 2016

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Annual Premiums Data Request

2017 Annual Premiums Data Request Update

Payers will receive a preview of the 2017 Annual Premiums request next month. More information will be provided on the January 2017 TAG call

Dec. 2016	Jan. 2017	Feb. 2017	Mar. 2017	Apr. 2017	May 2017
Data specification refinement					
	Payer outreach				
			Data request release		
				Payers complete data request	

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Enrollment Trends

Enrollment Trends Update

- CHIA shared MA APCD-sourced enrollment counts for payer review earlier this month. These enrollment counts are based on payers' **September 2016** Member Eligibility submissions and do not reflect any additional supplemental data.

- Please contact us with any comments or concerns about this data by **December 30th.** Feedback received after this date may not be incorporated into the upcoming report.
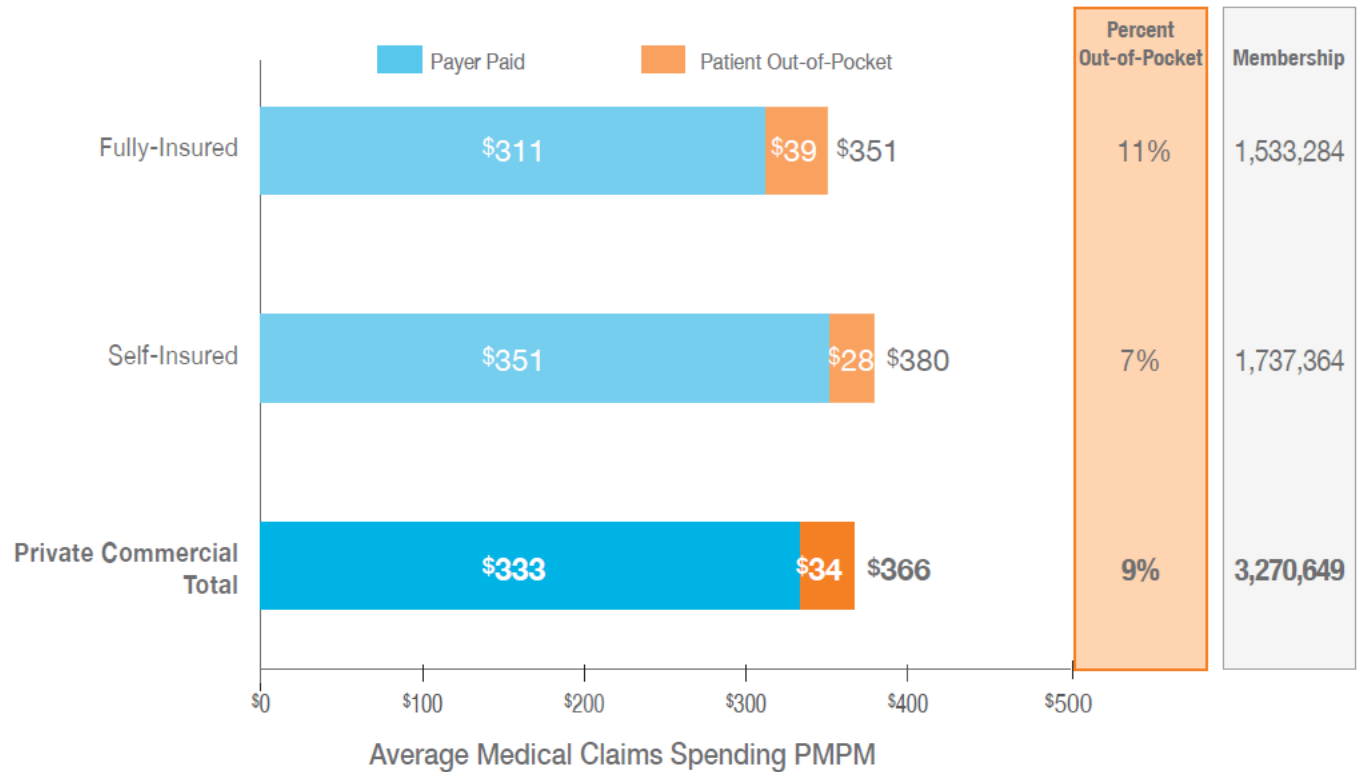
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Enrollment Trends Timeline

Oct. 2016	Nov. 2016	Dec. 2016	Jan. 2017
Data collection, profiling, and analysis			
Sept. 2016 Member Eligibility file submission			
	Supplemental reports due (identified payers)		
		Payers review APCD enrollment counts	
			Reporting

Medical Expenditure Trends

Medical Expenditure Trends Update

- CHIA's first Medical Expenditure Trends report will be released today.

- The first edition reports medical claims spending for Massachusetts residents with private commercial insurance in 2014.

Medical Claims PMPM by Funding Type
CY 2014

	Payer Paid	Patient Out-of-Pocket	Total	Percent Out-of-Pocket	Membership
Fully-Insured	$311	$39	$351	11%	1,533,284
Self-Insured	$351	$28	$380	7%	1,737,364
Private Commercial Total	$333	$34	$366	9%	3,270,649

Average Medical Claims Spending PMPM

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Medical Expenditure Trends Update

- Thank you to all who submitted Financial Control Totals for the next Medical Expenditure Trends report.

- CHIA will be in touch over the next month or two with follow up questions and next steps.

- The second edition of Medical Expenditure Trends will be released in **Spring 2017**.

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Medical Expenditure Trends (2nd Edition) Timeline

Oct. 2016	Nov. 2016	Dec. 2016	Jan. 2017	Feb. 2017	Spring 2017
MA APCD medical and pharmacy claims collection, profiling, and analysis					
		Financial Control Totals due			
		FCT vs. MA APCD data sourcing decisions finalized			
					Reporting

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Contact Information

For questions about Annual Premiums, Enrollment Trends, or Medical Expenditure Trends:

Contact your CHIA liaison and Ashley Storms at ashley.storms@state.ma.us

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APCD Version 6.0 Intake Changes

Liaisons sent out an email with the following:

- Memo on removal of patient information
- Technical information on data submission
- Overview of changes to eligibility submission
- Overview of changes to claim submissions
- Timeline

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Intake Version 6.0

MA APCD Intake Process	Intake 6.0 Timeline
Proposals Shared/Discussed with Carriers	December 2016/January 2017
New sftp testing	January 2017
Draft Submission Guides published	December 2016/January 2017
Guides Reviewed at Technical Advisory Group	December 2016/January 2017
Carrier Comment Period	January 2017
New sftp PROD	February 2017
Administrative Bulletin and Guides Adopted	January/February 2017
Development/Testing	February/June 2017
Carrier Testing – new guides and new transmission process	July 2017
Removal of PII from CHIA internal data	July 2017
MA APCD Intake Version 6 Production	August 2017

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APCD Version 6.0 Intake Changes

CHIA is proposing changes that will affect:

- What is submitted
- How it is submitted
- How it is protected
- How historical data will be handled
- How data linkage will be maintained
- How continuity across years will be maintained

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APCD Version 6.0 Intake Changes

What is submitted: Submission Guide Changes

CLAIM FILE:

- Patient fields removed: SSNs, Subscriber/Member name fields, street, city, state address fields.
- We will not be reformatting the layout but rather will require these fields to be NULL to limit the extent of changes required.

ELIGIBILITY FILE:

- Patient fields removed: street, city, and state address fields
- Other Patient fields hashed prior to the upload to CHIA

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APCD Version 6.0 Intake Changes
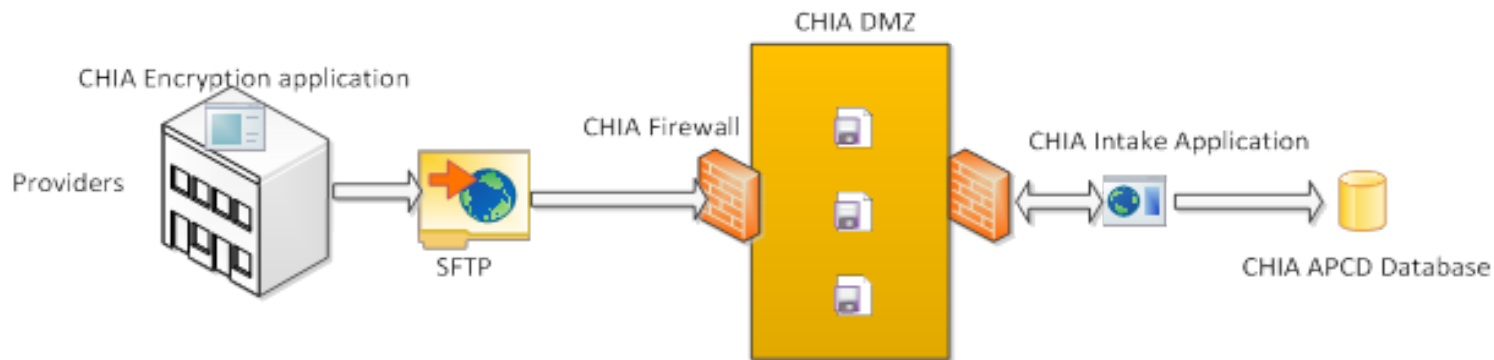
- Medical Claim Submission – Patient Information Removal

Element	Element Name	Format/ Length	Desc.	Guideline	Remove(Null) or Leave as is	Category
MC004	Payer Claim Control Number	varchar[35]	Payer Claim Control Identification	Report the Unique identifier within the payer's system that applies to the entire claim.	Leave as is	A0
MC006	Insured Group or Policy Number	varchar[30]	Group / Policy Number	Report the number that defines the insured group or policy. Do not report the number that uniquely identifies the subscriber or member.	Leave as is	A2
MC007	Subscriber SSN	char[9]	Subscriber's Social Security Number	Report the Subscriber's SSN here; used to validate Unique Member ID; will not be passed into analytic file. Do not use hyphen. If not available do not report any value here	Remove/Null	B
MC008	Plan Specific Contract Number	varchar[30]	Contract Number	Report the Plan assigned contract number. Do not include values in this field that will distinguish one member of the family from another. This should be the contract or certificate number for the subscriber and all of the dependents.	Leave as is	A2

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APCD Version 6.0 Intake Changes

How it is submitted: SENDS+/INET Changes

CHIA will be using a new method of sending files which will replace SENDS+/INET. The new method will include a new web portal and be a standard SFTP client for data submitters.

The MA APCD files will be encrypted using AES-256 encryption.

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APCD Version 6.0 Intake Changes

To be completed for each person in your Organization submitting MA APCD data to CHIA

Submitter Name:
Submitter Email Address:
Submitter Phone Number:
Submitter Work Mailing Address (State only):

Filing Type	Submit Y/N?
APCD Medical Claims	
APCD Pharmacy Claims	
APCD Dental Claims	
APCD Member Eligibility	
APCD Provider	
APCD Product	
APCD Benefit Plan Control	
APCD Supplemental Diagnosis	

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APCD Version 6.0 Intake Changes

How it is protected: Hashing Member Eligibility Data

- FileSecure - mask member eligibility patient identifying information before transmission

- NIST certified SHA-3 hashing algorithm with a CHIA defined 128-bit SALT

- unique encryption keys built inside the executable to encrypt the file before transmission

- download from the web portal and will reside within the carrier's local PC or network

- Fields to be hashed include SSNs, DOB, member and subscriber names.

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APCD Version 6.0 Intake Changes

How historical data will be handled: Removal of Patient Information

- All data models and databases will be updated to remove all patient identifying information fields and incorporate new hashed fields.

- All back-ups, including tape storage, will be updated to remove all patient identifying information fields.

- These changes will be fully tested.

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APCD Version 6.0 Intake Changes

How data linkage will be maintained: Creation of an MEID (Member Enterprise ID)

Prior to masking the data onsite, the software will perform two data processing functions - nickname processing and phonetic processing

An MEID will be created via CHIA's MDM software. The software will utilize a select number of fields in matching members across data. These fields include the carrier unique member and subscriber IDs, the member's 5 digit postal code, hashed name, hashed DOB and birth month/year.

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APCD Version 6.0 Intake Changes

How continuity across years will be maintained: Member eligibility data to be held by carrier

CHIA needs the ability to maintain an accurate de-identified member ID (MEID) over a 5 year period. This allows CHIA, sister agencies and researchers to perform longitudinal analyses. To provide for future security implementations and to allow analytic interoperability across years we require all carriers to hold in escrow each December member eligibility file, prior to CHIA hashing/encryption, for a period of 5 years. As software updates occur CHIA may require resubmission of these files to update security measures and to accurately assign an MEID.

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APCD Version 6.0 Intake Changes

- Additional changes are minor and include:

➤ Submission Guide wording changes for select data elements to provide clarification.

➤ Updated edits including potential changes on capitated and prepaid fields.

➤ Removal/nulling of additional fields such as Other Ethnicity and Other Language

➤ Possible lookup table update for PV011 (Suffix)

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Intake Version 6.0

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DOI Reporting from MA APCD

- 2016Q2 membership report: discussion with select carriers ongoing to address feedback/questions/issues.

- 2016Q3 membership reports sent to carriers in November and responses are due by 1/6/17.

- Parallel submission period until both DOI and carrier agree to move to MA APCD-only membership reporting.

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Next Meetings

January 10, 2017 @ 2:00 pm

February 14, 2017 @ 2:00 pm

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Questions?

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