

# ARKANSAS APCD DATA USERS GROUP

07.22.2020

# AGENDA

- Welcome
- Topics
  - Service location/member location relationships
  - How claims versioning affects users
  - Grouping diagnosis and procedure codes
  - Latest APCD release information and data tips
- Questions/Discussion



# ARKANSAS APCD TEAM

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# SERVICE LOCATION/MEMBER LOCATION

- Service provider information can be used for several reasons including (but not limited to) **network adequacy, utilization, and/or scope of work** analyses.
- Service provider as defined in the Arkansas APCD: Entity or rendering/attending provider directly providing the service.
- Submitters are required to populate the service provider data fields with related information about the entity or individual providing the professional or hospital medical service.



# SERVICE LOCATION/MEMBER LOCATION

- Service provider information is found on the medical claim data and must be merged with member/enrollee information for these analyses.
- Relating service provider location with the member location:
  - Understand the analytic objective for service providers.
  - Determine which member information to use – from the member/enrollment record or the medical claim record.
  - Associate the member information with the service provider information based on analytic objectives.



# SERVICE LOCATION/MEMBER LOCATION

- Service Provider Location Fields
  - MC026 – National Provider ID (NPI).
  - MC028, MC029, MC030 – First, middle, and last name. NOTE: MC030 can be an organization name.
  - MC108, MC033, MC034, MC035 – Address, city, state, ZIP code (full ZIP 5).
  - Supporting provider information can be found in the Arkansas APCD provider data or National Provider ID (NPI) data sources.\*

\*NPI data sources can be purchased from data vendors such as CarePrecise or accessed online at [npps.cms.hhs.gov/#/](https://npps.cms.hhs.gov/#/).



# SERVICE LOCATION/MEMBER LOCATION

- Member Location Fields – 2 types
  - Member/enrollment record fields:
    - ME107 – Member carrier-specific unique member ID
    - ME013 – Member gender
    - ME014\_Year – Member birth year
    - ME017\_Zip3 – First 3 digits of member ZIP code
    - ME016 – Member state
    - ME162A/ME163A – Plan enrollment and disenrollment dates
    - ME173A – Member county
  - Claim record fields:
    - MC137 - Member carrier specific unique member ID
    - MC012 – Member gender
    - MC013\_Year – Member birth year
    - MC016\_Zip3 – First 3 digits of member ZIP code
    - MC015 – Member state
    - MC059 – Service from date



# SERVICE LOCATION/MEMBER LOCATION

- If the analyses requires county-level segmentation and/or coverage period-related specificity:
  - Merge the member records with medical claims records
    - Submitting entity codes: ME001 = MC001
    - Member ID: ME107 = MC137
    - Birth year: ME014\_YEAR = MC013\_YEAR
    - Gender: ME013 = MC012
    - Service date within enrollment dates: MC059 between ME162A and ME163A
  - Analytic Examples
    - Member ZIP3 (ME017\_Zip3) and/or county (ME173A) can be evaluated in relation to the service provider location ZIP code (MC036) or county derived from service provider ZIP code).
    - Medical services can be evaluated in relation to the member location by ZIP3 (ME017\_Zip3) or county (ME173A) and coverage period.
    - Member demographic information such as birth year and gender can be pulled from the member record.



# SERVICE LOCATION/MEMBER LOCATION

- If the analyses does not require that level of specificity
  - Use the member information present on the medical claim record
    - Member ZIP3 (MC016\_Zip3) can be evaluated in relation to the service provider ZIP code (MC036).
    - Medical services can be evaluated in relation to the member location by ZIP3 (MC016\_Zip3).
    - Member demographic information such as birth year and gender can be pulled from the medical claim record.



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# CLAIMS VERSIONING

- Changes can occur to medical, pharmacy, and/or dental claims after they have been delivered to the Arkansas APCD.
- These changes – or ‘versions’ – are received in later submissions to the Arkansas APCD.
- Each submitting entity (SE) has its own set of rules to integrate the changes with existing claims data, resulting in a final ‘version’ of a claim. This is claims versioning.

Less than  
**10%** of claims  
overall  
require  
versioning.



# CLAIMS VERSIONING

- The Arkansas APCD has published a [document](#) on its website outlining claims versioning methodologies.
- More detailed claims versioning information including examples of the primary approaches can be found in the Arkansas APCD [Data Submission Guide](#) in the Claims Versioning section.



# APPROACH #1 – VERSION NUMBERS

#	Payer Claim Control Number	Line Counter	Version Number	Paid Date	Claim Status	Amount	Description
1	789	1	00	2014-07-15	O	\$10	Original submission
2	789	2	00	2014-07-15	O	\$20	Original submission
3	789	3	00	2014-07-15	O	\$30	Original submission
4						\$60	Total claim amount calculated for APCD
5	789	1	01	2014-07-15	B	-\$10	Back Out/Reversal Claim Line with updated data
6						\$50	Total claim amount calculated for APCD
7	789	2	01	2014-07-15	A, R, or M	\$5	Adjusted/Amended/Replacement Claim Line with updated data
8	789	1	02	2014-07-15	A, R, or M	\$15	Adjusted/Amended/Replacement Claim Line with updated data
9						\$50	Total claim amount calculated for APCD (Lines 3 + 7 + 8)



# APPROACH #2 – VERSION DATE

#	Payer Claim Control Number	Line Counter	Version Date	Paid Date	Claim Status	Amount	Description
1	321	1	16015	2014-07-15	Unavailable	\$10	Original submission
2	321	2	16015	2014-07-15	Unavailable	\$20	Original submission
3	321	3	16015	2014-07-15	Unavailable	\$30	Original submission
4						\$60	<i>Total claim amount calculated for APCD</i>
5	321	1	16036	2014-09-30	Unavailable	-\$10	Back Out/Reversal Claim Line with updated data
6	321	1	16036	2014-09-30	Unavailable	\$20	Adjusted/Amended/Replacement Claim Line with updated data
7						\$70	<i>Total claim amount calculated for APCD ((Lines 1 + 2 + 3) - Line 5 + Line 6)</i>



# APPROACH #7 – PHARMACY CLAIMS

#	Payer Claim Control Number	Line Counter	Carrier Member ID	Pharmacy Number	Fill Date	Script #	Fill #	Claim Status	Amount*	Description
1	567	1	120	100	2014-07-15	72	00	O	\$10	Original submission
2	1589	1	120	100	2014-07-15	72	00	A	\$20	New version of Claim 567
3									\$20	<i>Total claim amount calculated for APCD (Line 2 replaces Line 1)</i>
4	2235	1	120	100	2014-08-15	72	01	O	\$20	Original submission
5									\$20	<i>Total claim amount calculated for APCD (Line 4 only)</i>
6	789	1	120	225	2015-08-30	175	00	O	\$30	Original submission
7	1864	1	120	225	2015-08-30	175	00	B	-\$30	New version of Claim 789
8									\$0	<i>Total claim amount calculated for APCD (Line 6 - Line 7)</i>

# CLAIMS VERSIONING AND DATA REQUESTS

- Versioning is based on a point in time. A claim can be versioned more than once and in multiple updates.
- Data requesters receive the latest 'version' of the claim record, not the older versions of the claims that were replaced with newer claims. Duplicate claim lines and claim lines with invalid data are not included in data provided to data requesters.



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# CLINICAL CLASSIFICATION SOFTWARE

- [Clinical Classification Software \(CCS\)](#) is a tool developed by the Healthcare Cost and Utilization Project (HCUP).
- The Arkansas APCD uses Clinical Classification codes to group patient diagnoses and procedures into a manageable number of clinically meaningful categories.
- Though not offered as part of a data request, CCS codes can be added upon request.



# CLINICAL CLASSIFICATION SOFTWARE

ICD10	Category	Code Description	Category Description	Level 1 Category	Level 1 Label
S85171A	234	Laceration of posterior tibial artery, right leg, init	Crushing injury or internal injury	16	Injury and poisoning
S85171D		Laceration of posterior tibial artery, right leg, subs			
S85171S		Laceration of posterior tibial artery, right leg, sequela			
S85172A		Laceration of posterior tibial artery, left leg, init encntr			
S85172D		Laceration of posterior tibial artery, left leg, subs encntr			
S85172S		Laceration of posterior tibial artery, left leg, sequela			
S85179A		Laceration of posterior tibial artery, unsp leg, init encntr			
S85179D		Laceration of posterior tibial artery, unsp leg, subs encntr			
S85179S		Laceration of posterior tibial artery, unsp leg, sequela			

# CLINICAL CLASSIFICATION SOFTWARE

- Available CCS Codes
  - ICD-9 Diagnosis and Procedure Codes
  - ICD-10 Diagnosis and Procedure Codes
  - CPT/HCPC Codes
- Clinical Classification Software (CCS) data and software are free. The website offers many resources to support its use. While the Arkansas APCD can provide the data (like the previous example), it is recommended that the user refer to the information provided by HCUP.



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# RELEASE INFORMATION

- The latest Arkansas APCD release:  
August 1, 2020
- Data coverage: Jan. 1, 2013, through  
Dec. 31, 2019



# RELEASE INFORMATION

The latest Arkansas APCD release available to data requesters

Source	Coverage *
Fully Insured Commercial Data	December 31, 2019
ADH Birth/Death Data	Dec. 31, 2018
ADH Hospital Discharge (for uninsured)	Dec. 31, 2018
ADH Emergency Dept. (for uninsured)	Dec. 31, 2018
Cancer Registry	Dec. 31, 2016
Arkansas Medicaid	December 31, 2019
Arkansas Medicare	Dec. 31, 2017
Arkansas Workers Compensation	December 31, 2019
Arkansas Medical Marijuana Cardholders	August 2018 – March 2020

\*Data coverage begins on January 1, 2013



# RELEASE INFORMATION

Submitting entities *excluded* from this refresh because of data quality issues:

ME001	Submitting Entity	Estimated Members – All Years
95885, 12151, 73288	Humana	619,779
62286A	Golden Rule	6,049
79413C	United C – PHM only	5,151

Submitting entities previously excluded because of data quality issues *but are now included*:

ME001	Submitting Entity	Estimated Members – All Years
79413B	United Healthcare B	169,279
64246	Guardian	111,908

**New for next time:**

Medimpact (PBM) – estimated member count: 48,313



# DATA TIPS

- Utilize the searchable Arkansas APCD [data dictionaries](#) and [tip sheets](#)
- Highlights (be sure to review them all!):
  - [New Information from ResDAC about Arkansas Medicare Medical and DME Claim Payment Calculations](#)
  - Identifying Arkansas Employee Benefit Division (99EBD1) in TPA data to reduce duplication with [95442](#) and [95448B](#).
  - [Merged submitters and how to link their data](#)
  - [Misplaced Member ID for 79413B](#)
- Coming soon – Entity 80799 has acquired part of 70998A/95448A Exchange plans. Rules are forthcoming on how to identify this change in member and claim data.





**Always check the Arkansas APCD  
Data Issue and Tips page for the  
latest information!**



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