

ARKANSAS APCD DATA USERS GROUP

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HEALTHCARE
TRANSPARENCY
INIITIATIVE

Agenda

- Welcome
- Topics
 - Featured Project – Arkansas Dental Care Utilization Analysis, presented by ACHI Senior Data Analyst Sarah Crawford, MPA
 - APCD Claims Versioning Recap
 - Using Member Enrollment Flags: ME018, ME019, ME020
- Latest APCD Release Information and Data Tips

Presenters

- **Kenley Money, MA, MFA** — Director of Information Systems Architecture, APCD Director, ACHI
- **Sarah Crawford, MPA** — Senior Data Analyst, ACHI

**Featured Topic:
Arkansas Dental Care Utilization Analysis,
presented by ACHI Senior Data Analyst
Sarah Crawford, MPA**

APCD Claims Versioning Recap

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 has its own rules to integrate 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 a [document](#) outlining claims versioning methodologies
- More detailed claims versioning information, including examples of primary approaches, can be found in the Arkansas APCD [Data Submission Guide](#) in the claims versioning section

Approach No. 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 No. 2: Version Dates

#	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 No.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 (Lines 6 & 7)</i>

Don't be afraid!

- 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
- NOTE: Some submitters don't version their claims. Refer to the **Data Tips** for guidance.

Using Member Enrollment Flags: ME018, ME019, ME020

Services Indicator Fields from Submitters

- These Enrollment data fields can be used to determine if a plan includes a particular kind of coverage during a segment of time regardless of whether they had a claim.

Number	Name	Definition
ME018	Medical Services Indicator	Medical Coverage provided for this member on this policy. 1 = Yes 2 = No 3 = Unknown 4 = Other 5 = Not Applicable
ME019	Pharmacy Services Indicator	Pharmacy Coverage provided for this member on this policy. 1 = Yes 2 = No 3 = Unknown 4 = Other 5 = Not Applicable
ME020	Dental Services Indicator	Dental Coverage provided for this member on this policy. 1 = Yes 2 = No 3 = Unknown 4 = Other 5 = Not Applicable

Coverage Determination

- Claims processing systems are sometimes managed in silos
- Medical claims processing systems are often separate from pharmacy claims processing systems and dental claims processing systems
- This occurs naturally when plans are managed by TPAs *and* PBMs

Coverage Determination

- Therefore, members can have different enrollment records for medical coverage, pharmacy coverage, and dental coverage
- When using ME018, ME019, ME020, it is important to select these records based on these fields separately

For example, to select members with medical and pharmacy coverage:

Using this select statement will not catch all qualifying members.

```
Select * from [APCD_Member_Data] where ME018 = 1 and ME019 = 1
```

Better to use this select statement and group the resulting records by New ID (ME001+ME107) or Study ID (ME998+ME013).

```
Select * from [APCD_Member_Data] where ME018 = 1 or ME019 = 1
```

What does the data look like?

#	ME001	ME107	ME018	ME019	ME020	ME162A (enroll date)	ME163A (dis-enroll date)
1	60217	123	1	2	2	6/1/2018	12/31/9999
2	60217	123	2	1	2	6/1/2018	12/31/9999
3	60054A	456	2	1	2	1/1/2016	1/31/2018
4	60054A	456	1	2	2	1/1/2016	1/31/2018
5	60054A	789	2	1	2	4/1/2016	12/31/9999
6	60054A	789	1	2	1	4/1/2016	12/31/9999
7	95442	627	1	1	1	4/1/2023	12/31/9999
8	83470	805	1	1	2	1/1/2019	6/30/2020
9	83470	805	1	1	2	7/1/2019	6/30/2020
10	83470	805	1	2	2	7/1/2018	12/31/2018
11	99CAR1	A-23	2	1	2	1/1/2019	9999-12-31
12	80799	QW6	1	2	2	1/1/2014	9999-12-31

Which members have medical enrollment in 2019?

#	ME001	ME107
1	60217	123
6	60054A	789
8, 9	83470	805
11	80799	QW6

What does the data look like?

#	ME001	ME107	ME018	ME019	ME020	ME162A (enroll date)	ME163A (dis-enroll date)
1	60217	123	1	2	2	6/1/2018	12/31/9999
2	60217	123	2	1	2	6/1/2018	12/31/9999
3	60054A	456	2	1	2	1/1/2016	1/31/2018
4	60054A	456	1	2	2	1/1/2016	1/31/2018
5	60054A	789	2	1	2	4/1/2016	12/31/9999
6	60054A	789	1	2	1	4/1/2016	12/31/9999
7	95442	627	1	1	1	4/1/2023	12/31/9999
8	83470	805	1	1	1	1/1/2019	6/30/2020
9	83470	805	1	1	2	7/1/2019	6/30/2020
10	83470	805	1	2	2	7/1/2018	12/31/2018
11	99CAR1	A-23	2	1	2	1/1/2019	9999-12-31
12	80799	QW6	1	2	2	1/1/2014	9999-12-31

Which members have pharmacy enrollment in 2019?

#	ME001	ME107
2	60217	123
5	60054A	789
8, 9	83470	805
11	99CAR1	A-23

What does the data look like?

#	ME001	ME107	ME018	ME019	ME020	ME162A (enroll date)	ME163A (dis-enroll date)
1	60217	123	1	2	2	6/1/2018	12/31/9999
2	60217	123	2	1	2	6/1/2018	12/31/9999
3	60054A	456	2	1	2	1/1/2016	1/31/2018
4	60054A	456	1	2	2	1/1/2016	1/31/2018
5	60054A	789	2	1	2	4/1/2016	12/31/9999
6	60054A	789	1	2	1	4/1/2016	12/31/9999
7	95442	627	1	1	1	4/1/2023	12/31/9999
8	83470	805	1	1	2	1/1/2019	6/30/2020
9	83470	805	1	1	2	7/1/2019	6/30/2020
10	83470	805	1	2	2	7/1/2018	12/31/2018
11	99CAR1	A-23	2	1	2	1/1/2019	9999-12-31
12	80799	QW6	1	2	2	1/1/2014	9999-12-31

Which members have medical and pharmacy enrollment in 2019?

#	ME001	ME107
1, 2	60217	123
5, 6	60054A	789
8, 9	83470	805

Derived Indicator Fields from Submitters

- Fields were added to help determine if claims were present during a coverage period
- These fields do not provide the granularity sometimes required when building a study population
- For example, a member could have a 2-year coverage period with claims in the second year only. If the study period was the first year, the member would be included incorrectly using these indicators.
- Using these fields would *not* inform the user of when the claim was present but *would* inform the user that claims were present

Derived Indicator Fields from Submitters

Number	Name	Definition
ME018A	Medical Services Claim Indicator	<p>Indicates that a medical service occurred for this member during an active enrollment period for the member. Methodology: Date of service (MC059) is within member enrollment and disenrollment dates (ME162A and ME163A).</p> <p>1 = Medical claims were processed during member's enrollment period 0 = Medical claims were not processed during member's enrollment period</p>
ME019A	Pharmacy Services Claim Indicator	<p>Indicates that a pharmacy service occurred for this member during an active enrollment period for the member. Methodology: Fill date (PC023) is within member enrollment and disenrollment dates (ME162A and ME163A).</p> <p>1 = Pharmacy claims were processed during member's enrollment period 0 = Pharmacy claims were not processed during member's enrollment period</p>
ME020A	Dental Services Claim Indicator	<p>Indicates that a dental service occurred for this member during an active enrollment period for the member. Methodology: Date of service (DC035) is within member enrollment and disenrollment dates (ME162A and ME163A).</p> <p>1 = Medical claims were processed during member's enrollment period 0 = Medical claims were not processed during member's enrollment period</p>

Latest APCD Release Information and Data Tips

Release Information

- Available APCD data
 - Current APCD Data: Jan. 1, 2013–March 31, 2023 (new update!)
 - Data user resources:
 - [Release Notes](#) for each release
 - Overall coverage dates
 - Source-specific release notes (problematic submitting entities)
 - Type of coverage flags
 - [Universe counts](#) – **NEW FORMAT!**
 - Searchable Arkansas APCD [data dictionaries](#) & [tip sheets](#)

Helpful Hint:
Refresh linkage methodology by reviewing the Data Attributes deck

Release Information

- Data Tips/Data Issues
 - Issue: MedImpact Pharmacy Orphans – new
 - Issue: United Health Care (99UHC1) missing enrollment data – new
 - Issue: Default dates in Date of Birth or Birth Year – new rules



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

APCD Technical Support

- Reach out to adrs@achiapcd.atlassian.net for questions about data requests, data use, or pricing

Call to Action

- Sign up for ACHI Newsletter
- Follow on social media: ACHI and the Arkansas Healthcare Transparency Initiative featuring the Arkansas APCD



- Check out blog posts on ACHI website
- Next Data Users Group meeting: January 24, 2024

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