# Arkansas APCD Enrollment Data Version Rank Methodology

To improve the data user's ability to determine which enrollment records they should use in analyses, the Arkansas APCD team developed a methodology that will assist the data user in selecting the most relevant member enrollment record for any plan. This information is important when selecting members who were active during any given time period, calculating member months, or executing any member, plan, or enrollment analyses.

## Methodology

The Member Version Rank methodology sets a counter in a field called VersionRank, which counts up from one (1). The value "1" represents the enrollment record identified as the most relevant for that member, plan, or enrollment period. VersionRank is set with a value of "2" or more for the remaining records in that group.

The Member Version Rank methodology is applied differently depending on the submitting entity (SE). Arkansas Medicare is not included. The three approaches are described below. Refer to the examples provided in the "VersionRank Examples" section.

1. Arkansas Commercial Insurance Data — Commercial insurance enrollment data standard methodology*:

    a. Enrollment records are grouped by a combination of SE code, Carrier Specific Unique Member ID, Contract Number, Group Number, Product ID, Enrollment Date, and Record Receipt Date** (this is a field not typically provided to data users, but is used for internal processes).

    b. Once the group is created, the record with the latest Record Receipt Date and latest Disenrollment Date receives a VersionRank value of "1". VersionRank, on the remaining records, is set in descending order beginning with "2" on descending Record Receipt Dates.

2. Arkansas Commercial Insurance Data — Anthem custom methodology:

    a. Enrollment records where the SE represents Anthem (ME001 = 60217) are grouped by a combination of Carrier Specific Unique Member ID, Group Number, Product ID, Enrollment Date, and Record Receipt Date, plus Medical Claim Indicator and Pharmacy Claim Indicator.

    b. Once the group is created, the record with the latest Record Receipt Date and latest Disenrollment Date receives a VersionRank value of "1". VersionRank on the remaining records is set in descending order beginning with "2" on descending Record Receipt Dates.

3. Arkansas Medicaid Data — Arkansas Medicaid custom methodology:

    a. Enrollment records where the SE represents Arkansas Medicaid (ME001 = 99MCD1) are grouped by a combination of Carrier Specific Unique Member ID, Product ID, Health Plan Name, Enrollment Date, and Record Receipt Date.

    b. Once the group is created, the record where Benefit Status (ME063)*** equals "A" receives a VersionRank value of "1". All other records receive a VersionRank value of "2".

## Important Note:

This process does NOT create a master member record. Individual enrollment data fields are not updated to ensure consistent information on all member records by plan by enrollment date. For example, three records are present for 79416A in the "VersionRank Examples" section. The records with VersionRank 1 and 3 contain the value "HEALTH FOR ALL" in the Health Plan Name field (ME164A). The record with VersionRank 2 contains the value "ALL HEALTH" in the same field. These data are not reconciled to provide consistent information across all records. This applies to all enrollment record fields not used for the VersionRank grouping methodology.

## Selection Options

Data users have two selection options available to them when using VersionRank. Consider the analytic question when determining which option to select. Refer to the "Important Note" section on the previous page. If the analytic questions are not dependent upon consistent data across all fields, then Option 1 may be the appropriate selection. If it is important to understand all potential values in the fields, Option 2 may be the appropriate selection.

1. Request enrollment records where VersionRank equals 1. This will ensure that the data user receives the latest and most relevant enrollment record for a member by plan and enrollment date.

2. Request all enrollment records for a member. This allows data users to apply their own versioning logic to select the most relevant enrollment record for a member.

*All SEs use the Standard Methodology except those noted as having a custom methodology.

**Two record receipt date fields are used. They are named "PERIODBEGINDATE" and "PERIODENDINGDATE". These fields represent the submission period during which the Arkansas APCD received the record.

***Benefit Status (ME063) value "A" represents active records for Arkansas Medicaid enrollment records only. Value "A" may not have the same meaning for other SEs.

## VersionRank Examples

| SE Code | Mbr ID | Group Nbr | Contract Nbr | Med Claim Ind | Phm Claim Ind | Group Name | Product ID | Benefit Status | Enroll Date | Disenroll Date | Health Plan | Record Receipt Dates | | VERSIONRANK |
|---------|--------|-----------|--------------|---------------|---------------|------------|------------|----------------|-------------|----------------|-------------|---------------------|---|-------------|
| ME001 | ME107 | ME006 | ME009 | ME018 | ME09 | ME032 | ME040 | ME063 | ME162A | ME163A | ME164A | PERIODBEGINDATE | PERIODENDINGDATE | |
| 99MCD1 | 123 | ABC | 99A6 | NOT APPLICABLE | NOT APPLICABLE | MCD | 48 | A | 1/1/2016 | 12/31/2016 | BASIC HEALTH | 4/1/2017 | 6/30/2017 | 1 |
| 99MCD1 | 123 | ABC | 99A6 | NOT APPLICABLE | NOT APPLICABLE | MCD | 48 | U | 1/1/2016 | 12/31/9999 | BASIC HEALTH | 4/1/2016 | 6/30/2016 | 2 |
| 99MCD1 | 123 | ABC | 93B7 | NOT APPLICABLE | NOT APPLICABLE | MCD | 48 | U | 1/1/2017 | 12/31/9999 | BASIC HEALTH | 4/1/2017 | 6/30/2017 | 2 |
| 79416A | 456 | 382X | 762234 | NOT APPLICABLE | NOT APPLICABLE | JOE BOB | 23T2 | NOT APPLICABLE | 5/1/2017 | 12/31/9999 | HEALTH FOR ALL | 10/1/2017 | 12/31/2017 | 3 |
| 79416A | 456 | 382X | 762234 | NOT APPLICABLE | NOT APPLICABLE | JOE BOB | 23T2 | NOT APPLICABLE | 5/1/2017 | 5/30/2017 | ALL HEALTH | 10/1/2017 | 12/31/2017 | 2 |
| 79416A | 456 | 382X | 762234 | NOT APPLICABLE | NOT APPLICABLE | JOE BOB | 23T2 | NOT APPLICABLE | 5/1/2017 | 5/30/2017 | HEALTH FOR ALL | 10/1/2017 | 12/31/2017 | 1 |
| 99MCD1 | 789 | 8222 | Zx4826 | NOT APPLICABLE | NOT APPLICABLE | MCD | 24 | U | 1/1/2006 | 12/31/9999 | HEALTH INDIV | 1/1/2013 | 12/31/2013 | 2 |
| 79416A | 9001 | 263 | 0-022 | NOT APPLICABLE | NOT APPLICABLE | KROGER AR | 6-363326 | NOT APPLICABLE | 4/1/2015 | 12/31/2015 | RETIRED | 4/1/2016 | 6/30/2016 | 1 |
| 70998A | 78392 | 89-2tYx | 78922g | NOT APPLICABLE | NOT APPLICABLE | EXXON | 70XY | NOT APPLICABLE | 1/1/2017 | 12/31/2017 | BASIC PHM | 6/1/2017 | 9/30/2017 | 2 |
| 70998A | 78392 | 89-2sYz | 78922k | NOT APPLICABLE | NOT APPLICABLE | EXXON | 70XY | NOT APPLICABLE | 1/1/2017 | 12/31/9999 | BASIC DNT | 10/1/2017 | 12/31/2017 | 1 |
| 70998A | 78392 | 89-2tYx | 78922g | NOT APPLICABLE | NOT APPLICABLE | EXXON | 70XY | NOT APPLICABLE | 1/1/2017 | 12/31/9999 | BASIC PHM | 10/1/2017 | 12/31/2017 | 1 |
| 60217 | 0-2096 | 762d | 82432 | 1 | 2 | ATT LR | 82SX | NOT APPLICABLE | 1/1/2014 | 12/31/9999 | BASIC HEALTH | 4/1/2017 | 6/30/2017 | 1 |
| 60217 | 0-2096 | 762d | 82432 | 2 | 1 | ATT LR | 82SX | NOT APPLICABLE | 1/1/2014 | 12/31/9999 | SUPP PHM | 4/1/2017 | 6/30/2017 | 1 |
| 41755 | 78223 | 663xZ3S | 9C123 | NOT APPLICABLE | NOT APPLICABLE | SIMMONS | 425 | NOT APPLICABLE | 7/1/2016 | 12/31/9999 | RETIRED | 4/1/2017 | 6/30/2017 | 3 |
| 47155 | 78223 | 663xZ3S | 9C123 | NOT APPLICABLE | NOT APPLICABLE | SIMMONS | 425 | NOT APPLICABLE | 7/1/2016 | 6/30/2018 | RETIRED | 10/1/2018 | 12/31/2018 | 2 |
| 47155 | 78223 | 663xZ3S | 9C123 | NOT APPLICABLE | NOT APPLICABLE | SIMMONS | 425 | NOT APPLICABLE | 7/1/2016 | 6/30/2018 | RETIRED | 1/1/2019 | 3/31/2019 | 1 |