Proposed MHDO Assigned Member Number Scheme Examples

The following examples are meant to illustrate the proposed MHDO Member Number scheme. The tables show the SSN, Contract, DOB and Gender information from example records along with the new Member Number values that would be calculated using this proposed scheme. However, please note that the SSN and Contract Number fields using in the creation of the Member Number are actually 272-character hashed values. The examples shown here have been shortened for simplicity. Once the release Member Number is determined for a set of records, an integer replacement value would still be assigned, as per current practice. Even though 3 separate Member Numbers may be calculated for a record, a single integer Release Member Number will be populated on the record for use by the field, as is the current practice.

# Example 1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| File | SUBSSN | MEMSSN | Contract Number | MEM DOB | MEM Gender | MEMBERNUM\_ SUBSSN | MEMBERNUM\_ MEMSSN | MEMBERNUM\_ CONTRACT |
| 03/2014 MC | -- | QTHEQ | FR911 | 03/1/1959 | M | -- | QTHEQ195903M | FR11195903M |
| 03/2014 ME | A3DX3 | QTHEQ | FR911 | 03/1/1959 | M | A3DX3195903M | QTHEQ195903M | FR11195903M |

In the above example, both records would end up assigned the Release Member Number of A3DX3195903M. In the case of the ME record, this is because the SUBSSN Member Number was able to be calculated directly. In the case of the MC record, the MEMSSN MEMBER Number was used to find the more preferable Member Number

# Example 2

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| File | SUBSSN | MEMSSN | Contract Number | MEM DOB | MEM Gender | MEMBERNUM\_ SUBSSN | MEMBERNUM\_ MEMSSN | MEMBERNUM\_ CONTRACT |
| 12/2013 ME  Payer 4 | H3BV4 | -- | XC23ZH | 05/22/1989 | F | H3BV4198905F | -- | XC23ZH198905F |
| 03/2014 ME  Payer 2 | -- | BU932D | DEF32Q | 05/22/1989 | F | -- | BU932D198905F | DEF32Q198905F |
| 03/2014 MC  Payer 3 | -- | -- | Y3Y12U | 05/22/1989 | F | -- | -- | Y3Y12U198905F |
| 03/2014 ME  Payer 3 | -- | BU932D | Y3Y12U | 05/22/1989 | F | -- | BU932D198905F | Y3Y12U198905F |
| 09/2014 ME  Payer 1 | H3BV4 | BU932D | KO871R | 05/22/1989 | F | H3BV4198905F | BU932D198905F | KO871R198905F |

In this example, the release Member Number that is assigned will change over time. The above table shows 5 records that allow represent the same member.

During the 12/2013 processing, there is only a single record, from Payer 4, available for processing. Both SUBSSN and Contract Number are available. Since the most preferable form of Member Number is the one calculated from SUBSSN, this one is used as the release Member Number.

During the 03/2014 processing, 3 additional records become available: two from Payer 3 and one from Payer 2. Note that, since Contract Number tends to be Payer-specific, there are three separate Contract Numbers associated with this Member at this point. Luckily, though, both Payers provide a MEMSSN. Since the MEMSSN Member Number is more preferable than the Contract Number Member Number, it is used for both eligibility records. We are also able to assign the MEMSSN Member Number to the MC record, since we know that Member Number Y3Y12U198905F is associated with the more preferable BU932D198905F.

Note that, at this point, the 12/2013 ME record has a release Member Number of H3BV4198905F, while the 3 records from 03/2014 have a release Member Number of BU932D198905F. Even though these records represent the same individual, we have no way of determining this yet.

During the 09/2014 processing, an additional record becomes available. Since this record includes both a SUBSSN and a MEMSSN, we are now able to relate the Member Number BU932D198905F with the more preferable Member Number H3BV4198905F. At this point, all 5 records will be assigned the latter release Member Number.

Thus, as additional information becomes available, the Member Number assignment is improved to provide the best member matching possible given current information. In order to share this improved match with data users, the following table would be distributed (keeping in mind that we actually will be distributing integer replacement values):

|  |  |
| --- | --- |
| MemberNum\_Most\_Preferable | MemberNum\_Releated |
| H3BV4198905F | BU932D198905F |
| H3BV4198905F | KO871R198905F |
| H3BV4198905F | DEF32Q198905F |
| H3BV4198905F | Y3Y12U198905F |
| H3BV4198905F | XC23ZH198905F |

Using this table, users will be able to update their data to substitute the most preferable Member Number match wherever a less preferred Member Number is in use.