# MHS Data Repository (MDR) Health Care Provider Record (HCPR)

1. Source:

Health Care Provider Records are created by the TRICARE Managed Care Support Contractor’s Fiscal Intermediates and forwarded to the TMA-Aurora Claims Acceptance System[[1]](#footnote-1).

1. Transmission (Format and Frequency)

TMA-Aurora provides the HCPR data to the MHS Data Repository according to Interface Control Document 1300-1630-01. HCPRs are received monthly via FTP

1. Organization and batching

HCPRs are processed monthly. The MDR contains one cumulative HCPR dataset, representing providers who are or have been affiliated with TRICARE.

1. Receiving Filters

A filter is applied to each update batch prior to posting to the core MDR HCPR dataset. If more than one record in an update batch shares a provider tax number, multiple provider ID, institution/non-institution indicator and provider specialty/institution code, and if the first five characters of the provider zip code are equal, than the record with the most recent batch process date is retained. In the event that there is more than one record with matching data elements as described above, and equal batch process dates, then the first record that is encountered is selected, and all other matching records dropped.

1. Field Transformations and Deletions for MDR Core Database

Initial File Load:All retained fields keep the same values as in the TMA-Aurora database, after “deduping” for the original file[[2]](#footnote-2). That is, each field should contain a “final value” after all updates to that HCPR have been applied, and there should be only one record per HCPR. Consequently, historical data about a provider that has been altered by a subsequent transaction is no longer present in the MDR core database.

Update Files:Update batches should contain all records that are new or have changed in the TMA-Aurora database, from the previous submission.

Update Process: The update file must be de-duped using the file key: the provider tax number, multiple provider ID, the first five characters of the provider ZIP code, the institution/non-institution indicator and the provider specialty/institution code. Among duplicate records in the update batch, the one with the most recent batch date is retained. If there are two records that share a key and the update batch date, the first record encountered will be retained. The MDR HCPR data file is then updated by replacing records in the MDR database with records of matching key from the update batch.

Transformation: Only the first five characters of each of the ZIP code fields are retained.

1. File format

The MDR HCPR data is stored in a SAS dataset. Table 1 describes the format.

Table 1: MDR HCPR

| **HCPR Field** | **SAS Name** | **Format** | **Transfomration**  |
| --- | --- | --- | --- |
| Provider Taxpayer Number (TIN) | PRVTXNO | $9 | No transformation |
| Provider Subidentifier | PRVSUBID | $4 | No transformation |
| Provider Taxpayer Number Identifier | PRVTXNID | $1 | No transformation |
| Contractor Number | CONTRNO | $2 | No transformation |
| Provider Contractor Affiliation Code | PRVAFFCD | $1 | No transformation |
| Institution/Non-Institution Indicator | INNINFLG | $1 | No transformation |
| Provider Name | PRVNM | $40 | No transformation |
| Provider Street Address | PRVADDR | $30 | No transformation |
| Provider City | PRVCITY | $18 | No transformation |
| Provider State or Country Code | PRVSTCO | $2 | No transformation |
| Provider ZIP Code | PRVZIP | $5 | Zip code provided in feed as 9 characters. Substring to only the first five characters. |
| Provider Billing Street Address | PRVBADDR | $30 | No transformation |
| Provider Billing City | PRVBCITY | $18 | No transformation |
| Provider Billing State or Country Code | PRVBSTCO | $2 | No transformation |
| Provider Billing ZIP Code | PRVBZIP | $5 | Zip code provided in feed as 9 characters. Substring to only the first five characters. |
| Provider Major Specialty or Type of Institution | PRVMAJSP | $2 | No transformation |
| Type of Institution Code | INSTTYPE | $1 | No transformation |
| American Hospital Association ID Number | AHAIDNO | $9 | No transformation |
| AHA Multi-Hospital System Code | AHAMLTCD | $4 | No transformation |
| Medicare Number | MEDICRNO | $8 | No transformation |
| Provider Acceptance Date | PRVACCDT | $8 | No transformation |
| Provider Termination Date | PRVTRMDT | $8 | No transformation |
| Rural/Urban Indicator | RURALURB | $1 | No transformation |
| IDME (Indirect Medical Education) Ratio | IDMERTIO | 8. | No transformation |
| IDME Ratio Effective Date | IDMERTDT | $8 | No transformation |
| Area Wage Index | WAGEINDX | 8. | No transformation |
| Area Wage Index Effective Date | WAGEEFDT | $8 | No transformation |
| DRG Exempt/Non-Exempt Indicator | DRGEXNEX | $1 | No transformation |
| DRG Exempt/Non-Exempt Effective Date | DRGEFDT | $8 | No transformation |
| Transaction Code | TRANSCD | $1 | No transformation |
| Record Effective Date | RECEFDT | $8 | No transformation |
| CHAMPUS Provider Code | CHPRVCD | $1 | No transformation |
| CHAMPUS Provider History Code | CHPRVHCD | $1 | No transformation |
| Multiple Provider Flag | MLTPRVCD | $1 | No transformation |
| Batch Process Date | BATCHDT | $8 | No transformation |
| Health Service Region Code | HSREGION | $2 | No transformation |
| MTF Code | MTFCD | $3 | No transformation |

1. Refresh Frequency

## Monthly

1. Data Marts

N/A[[3]](#footnote-3)

1. Special Outputs

N/A

1. [↑](#footnote-ref-1)
2. All zip code fields are truncated to the first five characters, however. [↑](#footnote-ref-2)
3. A HCPR file is available in the M2 data mart, but the data are provided to the M2 via a direct feed from TMA-Aurora. [↑](#footnote-ref-3)