



ECR® Instruction Book Supplement

PROMETHEUS

Data Extract Specifications

Version 3.5.2

PROMETHEUS Data Extract Specifications for Version 3.5.2

Context:

This document is intended for use by health plans, employers, and other entities (called Data Submitters) who wish to send their claims data to Prometheus for ECR analysis in a format other than SAS. Data Submitters may provide data extracts in ASCII (text) format to Prometheus, or the Prometheus contractor, who will consequently reformat the data into SAS input files for purposes of running it through version 3.5.2 of the Prometheus SAS analytical packages. Two years worth of incurred claims with a run-out period of 3 to 6 months are required in order to accurately represent the patient and claims volume in a study period. Please note this document must be read hand-in-hand with the Prometheus ECR Instruction Book V3.pdf (enclosed).

Data Checklist:

Prior to submitting the data to Prometheus, the Data submitter will ensure the following items have been addressed:

- The file consists of two years worth of incurred claims with a run-out period of 3 to 6 months**
- The file is comma or pipe delimited – the field lengths given in the instruction book therefore can be ignored**
- A data dictionary / headers have been provided with the data file to specify data variables**
- All costs are reported as “Allowed Amounts” and have been reconciled to adjust for interim bills and negative dollars. A single “final” bill is submitted for each claim.**
- Inpatient Stay Claims have been rolled up to one claim per admission/discharge**
- A sample of non-rolled up Inpatient Stay Claims has been provided so that the roll up process can be verified.**
- Professional, Outpatient Facility, Ancillary, and Other Claims have NOT been rolled up, and have remained at the claim line level**
- Pharmacy claims are reported with prescription dates, one NDC code per claims and associated costs**

Data Set Extraction:

Member File Content

The data submitter will apply their best professional judgment to match data fields in their data warehouse with the following Member data elements requested by Prometheus:

- Consistent member ID
- Gender Code (e.g. F=Female, M=Male)
- Year of Birth in YYYY (e.g., 1956)
- Member Zip Code (optional)

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A separate data dictionary will be provided by the data submitter which maps their data field names to the data elements noted above.

Eligibility File Content

The data submitter will apply their best professional judgment to match data fields in their data warehouse with the following Eligibility data elements requested by Prometheus:

- Consistent member ID
- Begin Date– member enrollment effective date
- End Date – member enrollment termination date; if member is still enrolled, leave this field blank

A separate data dictionary will be provided by the data submitter which maps their data field names to the data elements noted above. The begin date and the end date should be in a consistent date format.

Inpatient Stay Claims File Content

Inpatient Stay Claims should be rolled up to one claim per admission/discharge. The data submitter will apply its best professional judgment to match data fields in their data warehouse with the following Inpatient data elements requested by Prometheus:

- Consistent member ID
- Provider ID*
- Allowed Amount
- From Date – first date of service
- Thru Date – last date of service
- Discharge Status code
- Admit Type code (mark admissions through emergency room = 1, else = 0)
- Place of Service Code (mark emergency room service = 23)
- Type of Claim (mark it = 1 for all inpatient stay claims)
- Revenue Code (Nx)
- HCPCS Proc Code
- HCPCS Proc Modifier Code
- CPT Proc Code (N1)
- CPT Proc Modifier Code (N1)
- Principal ICD-9 Diag Code
- Secondary ICD-9 Diag Code (N2)
- Principal ICD-9 Proc Code
- Secondary ICD-9 Proc Code (N3)
- Provider ID

Where:

- N1, N2, N3, Nx values could be any number from 1 through 999 and could be different values for CPT codes, revenue codes, ICD-9 procedure codes or ICD-9 diagnosis codes
- N1 represents the number of CPT Codes that will be provided for each claim.
- N2 represents the number of ICD-9 Diagnosis Codes that will be provided for each claim.
- N3 represents the number of ICD-9 Procedure Codes that will be provided for each claim.
- N1, N2, and N3 will be determined during extract based on available data.

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- Nx (Revenue codes are mostly important to help identify emergency room visits in stay records: 45x and certain exclusionary criteria such as use of dialysis: 80x, oncology services 28x and labor & delivery: 72x)

Please designate the value of N1, N2, N3, and Nx in the Inpatient Stay Claims file. For reference, in the Prometheus developmental database N1=20; N2=9; N3=21; and Nx=20.

*For Provider ID, please choose the best field on your data that give information on the serving hospital such as the claims organization NPI number.

A separate data dictionary will be provided by the Data submitter which maps their data field names to the data elements noted above. The data dictionary should also contain a listing of the coded values and their meaning for the following fields:

- Discharge Status code (only codes used by the Prometheus programs are 07=LAMA, 20, 40, 41 and 42 =Expired)
- Admit Type code (e.g. 'ER,' 'EMERGENCY,' 'EMERG') – Please note that the admit type code is only required to identify admissions through the emergency room, so this field could simply be provided as a flag for ER, yes=1, no=0
- Place of Service Code (23 = Emergency Room) – again, please note that this field is only used to identify emergency room service within the Prometheus programs, other values are allowed but will not be used.
- If the emergency room flags are present on another field in the users database, such as an admit_source field or some other field, the data submitter should map them to either the admit_type or the place_of_service fields to capture that information when the SAS programs are run.

Professional Claim File Content

The Data submitter will apply its best professional judgment to match data fields in their data warehouse with the following Professional data elements requested by Prometheus (including inpatient and outpatient professional claims, outpatient facility claims, and ancillary claims):

- Consistent member ID
- Allowed Amount
- Provider ID*
- Specialty** (optional)
- From Date
- Thru Date
- Place of Service Code (mark emergency room service = 23)
- Type of Claim (Please mark: 2 = Outpatient Facility Claims; 3 = Professional, Ancillary and Other Claims)
- HCPCS Proc Code
- HCPCS Proc Modifier Code
- CPT Code (N1)
- CPT Modifier Code (N1)
- Principal ICD-9 Diag Code
- Secondary ICD-9 Diag Code (N2)
- Principal ICD-9 Proc Code
- Secondary ICD-9 Proc Code (N3)

Where:

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- N1, N2, N3, Nx values could be any number from 1 through 999 and could be different values for CPT codes, revenue codes, ICD-9 procedure codes or ICD-9 diagnosis codes
- N1 represents the number of CPT Codes that will be provided for each claim.
- N2 represents the number of ICD-9 Diagnosis Codes that will be provided for each claim.
- N3 represents the number of ICD-9 Procedure Codes that will be provided for each claim.
- N1, N2, and N3 will be determined during extract based on available data.

Please designate the value of N1, N2, and N3 in the Professional Claims file. For reference, in the Prometheus developmental database N1=4; N2=4; and N3=5.

*For Provider ID, please choose the best field on your data that gives information on the performing physician e.g. claim performing physician UPIN or NPI number for the physician / surgeon performing the procedure or providing the service. The Provider ID fields could be used for attributing the ECR to provider (s) and could be mapped / rolled up at a later step to a medical group level, hospital level, or health plan level as the user decides.

**Specialty – this variable helps identify the physician’s specialty for optional provider attribution programs

A separate data dictionary will be provided by the Data submitter which maps their data field names to the data elements noted above. The data dictionary should also contain a listing of the coded values and their meaning for the following fields:

- Place of Service Code (e.g. 23 = Emergency Room)
- Type of Claim (2= outpatient facility; 3= professional, ancillary and other claims)

Pharmacy Claim File Content

The Data submitter will apply its best professional judgment to match data fields in their data warehouse with the following Pharmacy data elements requested by Prometheus:

- Consistent member ID
- Allowed Amount
- NDC code
- Supply Days Num
- Prescription filled Date
(NDC codes should be 11 characters. Hyphens should be removed. Leading and trailing zeros should be included. For example, 00000-1435-00 should be formatted as 00000143500).

A separate data dictionary will be provided by the Data submitter which maps their data field names to the data elements noted above.

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Reporting Period:

The Data submitter will extract data from their data warehouse according to the following time period constraints:

- a. Date of service determined by incurred date on claim.
- b. Beginning MM/DD/YYYY (first included date of service).
- c. Ending MM/DD/YYYY (last included date of service).
- d. Run out period: through MM/DD/YYYY

Extract File Format

One or more files of text characters will be provided by the Data submitter containing the extracted data for each file type identified under Data Set Extraction, above. A single file is to be provided for each file type if all data extracted for that file type fits on the delivery media. Multiple files are to be created if the data extracted does not fit on a single media device.

The file(s) should contain the data elements as fields (columns) in the order listed under Data Set Extraction.

Commas or pipes/bars should be used to separate fields (columns) within each record (row) in the file.

An ASCII carriage return character should mark the end of each record (row) in the file and an ASCII end of file character should mark the end of the file after the last row of data in the file.

Extract Delivery Mechanism

The extracted data file(s) should be placed on a DVD for delivery to Prometheus / Prometheus contractor, or on a secure FTP site.

Multiple DVDs could be provided, if necessary, to contain all extracted files if delivered by DVD. Custody of the DVDs will pass from the Data submitter to Prometheus and then to any third party (e.g., the Prometheus contractor).