Data Dictionary for athenaOne EHI Export

Inpatient Collector EHI Export

EHI Export Data Dictionary

Inpatient Collector EHI Export

Introduction

athenahealth allows Customers in the inpatient setting to easily export demographic, visits and other billing formation pertaining to patient records, using the Collector - Electronic Health Information (EHI) Export. Examples of datasets that can be exported are Demographic, Hospital Visits & Charges, Claims, Payment History, Referral & Authorization. All or selected athenaCollector EHI datasets listed below can be exported for single, multiple of all patients of your Practice.

File Formats

- Collector EHI Export data files are machine readable and are in a Newline Delimited JSON file format.
- The export also includes, wherever possible, additional human readable files in JPEG, PNG, TIFF or PDF formats, which contain demographic or billing information. Examples include insurance ID card images, Claim attachment documents etc.

Folder Structure & Naming Conventions

- Collector EHI Export files are packaged in .zip files/ folders, that shall further have individual .zip files/ folders corresponding to the healthcare datasets exported.
- Naming convention of the master .zip files that shall contain exported Collector data files will be as follows:

Use Case	File Naming Convention	Sample File Name
Single Patient EHI Export	**File name format:** EHIs_athenahealthcontextID_athenaPatientID_exportdatetimestamp.zip	**File name:** EHIs_432_2_20230511041235.zip
Multi Patient EHI Export	A user from an inpatient Customer would find the following. Items 1 and 2 would be present only if the customer has an ambulatory department or has ambulatory information available. **File name format:** 1.COLLECTOREHIs_internalExportID_PatientnameRangeStart-RangeEnd_athenahealth context ID.zip. **Mapping file name format:** 2.mappingfile_internalExportID.zip	**File name:** COLLECTOREHIs_1299413692_A-M_432.zip **Mapping file name:** mappingfile_1299413692.zip
Bulk/ All Patient EHI Export	A user would find the following. Items 1-4 shall be present only if the Customer has an ambulatory department or has ambulatory information available. A user would find:	**JSON data file name:** 1334785845_patientinsurance_json.zip **Additional folder name:** 1334785845_patientinsurance_part1.zip **Mapping file name:** mappingfile_1334785845.zip **Data dictionary file name:**

311 Arsenal Street Watertown, MA 02472 • 617.402.1000 • athenahealth.com

Use Case	File Naming Convention	Sample File Name
	1. Multiple json files based on number of applicable EHI data sections. Note: for every chart sharing group, the export ID on the file name shall be unique. 2. Additional folders that contain supporting documents or attachments if available (provided as images/pdf/html/etc.). 3. A mapping file providing ID to value mappings, that help in data reconciliation. 4. A data dictionary file with details of implemented data sections and links to data specifications. **EHI JSON data file name format:** IntenalExportID_datasectionname_json.zip If the files are huge, a user may find a part number at the end of the file name of the JSON. **EHI additional folder name format:** InternalExportID_datasectionaname_part partnumber.zip **Mapping file name format:** Mappingfile_IntenalExportID.zip **Data dictionary file name format:** datadictionary_InternalExportID_collector.zi	datadictionary_1334785845_collector.zip

- The naming convention followed for the second level of folders applicable to single, multiple, and bulk patient exports are provided here:

Use Case	File Naming Convention	Sample File Name
Single Patient EHI Export	There shall be one zip file containing athenaCollector EHI: **File name format:** PatientName_DateofBirth_ChartSharingGroupName_AthenaPatientID_COLLECTOR.zip	**File name:** DOE-JOHN_07-10-1900_Test1_2_COLLECTOR.zip
Multi Patient EHI Export	There will be 'n' zip files based on 'n' number of patients and one data dictionary file. **File name format:** PatientName_DateofBirth_ChartSharingGroupName_AthenaPatientID_COLLECTOR.zip	**File name:** DOE-JOHN_07-10-1900_Test1_2_COLLECTOR.zip

athenahealth

Use Case	File Naming Convention	Sample File Name
	Data dictionary file name format: Data_Dictionary.pdf	**Data dictionary file name:** Data_dictionary.pdf
Bulk/ All Patient EHI Export	**JSON data file name format:** Datasectionname.json **Format for folder inside additional folder:** datasectionname_files **Mapping File name format:** Mappingfile.json **Data dictionary filename format:** Data_dictionary.pdf	**JSON data file name:** PatientInsurance.json **Folder inside additional folder:** patientinsurance_files **Mapping file name:** Mappingfile.json **Data dictionary filename:** Data_Dictionary.pdf

- The naming convention followed for the final level of folders applicable to single, multiple, and bulk patient exports are provided here.

Use Case	File Naming Convention	Sample File Name
Single Patient EHI Export	For the given patient, a user would find: 1. Multiple json files based on applicable EHI data sections. 2. Additional folders that contain supporting documents or attachments if available (provided as images/pdf/html/etc.). 3. A mapping file providing ID to value mappings, that help in data reconciliation. 4. A data dictionary file with details of implemented data sections and links to data specifications. **JSON data file name format:** Datasectionname.json **Additional folder name format:** datasectionname_files **Format for files inside additional folder:** datasectionname_documentid.extension **If the additional folders also contain more than one attachment for a single document:** datasectionname_documentid_number.extension **Mapping File name format:** Mappingfile.json	**JSON data file name:** PatientInsurance.json **Additional folder name:** patientinsurance_files **files inside additional folder:** patientinsurance_571250.pdf or (if there are multiple attachments) patientinsurance_275038_1.png patientinsurance_275038_2.png **Mapping File name:** Mappingfile.json **Data dictionary filename:** Data_Dictionary.pdf

Use Case	File Naming Convention	Sample File Name
	Data dictionary filename format: Data_dictionary.pdf	
Multi Patient EHI Export	For every such patient, a user would find: 1. Multiple json files based on applicable EHI data sections. 2. Additional folders that contain supporting documents or attachments if available (provided as images/pdf/html/etc.). **JSON data file name format:** Datasectionname.json **Additional folder name format:** datasectionname_files **Format for files inside folder:** datasectionname_documentid.extension **If the additional folders also contain more than one attachment for a single document:** datasectionname_documentid_number.extension	**JSON data file:** PatientInsurance.json **Additional folder name:** patientinsurance_files **Files inside folder:** patientinsurance_571250.pdf or (if there are multiple attachments) patientinsurance_275038_1.png patientinsurance_275038_2.png
Bulk/ All Patient EHI Export	**Format for files inside additional folder:** File Name Format: datasectionname_documentid.extension **In case of more than one attachment for a single document:** datasectionname_documentid_number.extension	**Name of files inside additional folder:** patientinsurance_571250.pdf or (if there are multiple attachments) patientinsurance_275038_1.png patientinsurance_275038_2.png

General Instructions to Process Files & Reconcile Datasets

- Each .json file contains the relevant data if present for a patient or multiple patients depending on the export use case.
- Patient identifiers like FIRSTNAME, LASTNAME, DOB, SSN, ATHENA PATIENT ID, ENTERPRISE ID, MOBILE PHONE, HOME PHONE and ADDRESS are added at the beginning of each line which would help in patient matching and reconciling several datasets.
- For each JSON dataset that contains supporting files/ documents in .zip folders, a corresponding document folder in the same name will be present (for example: patientinsurancefiles, followed by a part number in some cases when there are very high number of files).
- Follow the "reference" tag in the corresponding .json file (for example: patientinsurance.json) to know the file path of each document, pertaining to a given patient.
- Some JSON files shall also have key transaction or business identifiers added to help with reconciliation. For example, Claim transaction or Claim notes, shall have the pertinent Claim IDs added to ensure such datasets can be reconciled to give a meaningful Claim level dataset.

Collector EHI Export Dataset List & Specifications

Important: For athenaCollector inpatient, EHI Export includes only relevant datasets from the list below. You may expect to see several of these in the form of JSON files but if your practice does not contain ambulatory information, you may expect only JSON

files relevant to inpatient, such as Visits and Charge Details. Please click the individual datasets listed below to view the specifications, such as element level definitions.

If your dataset in question does not open a link, please scroll down to the next section on this page. Some datasets listed below may have their output files combined into one JSON. Please be sure to read the next section to understand the structure of such JSON files.

Dataset Name	Dataset Specifications
Appointments	https://docs.athenahealth.com/api/api-ref/appointment
Appointment Ticklers & Reminders	https://docs.athenahealth.com/api/api-ref/appointment-reminders
Claim Attachments	Claim Attachment | API Solutions (athenahealth.com)
Claim Details	https://docs.athenahealth.com/api/api-ref/claim#Get-list-of-claim-details
Claim Notes	Claim Note | API Solutions (athenahealth.com)
Claim Transactions	Claim | API Solutions (athenahealth.com)
Demographics	Patient | API Solutions (athenahealth.com)
Patient - Billing statements and Summaries	https://docs.athenahealth.com/api/api-ref/patient-statement
Payment History (includes Patient Refunds)	https://docs.athenahealth.com/api/api-ref/payment#View-Payment-history-information
Patient Insurance	https://docs.athenahealth.com/api/api-ref/patient-insurance#Get-patient's-insurance-packages
Patient Outstanding Balance & Patient Unapplied	Claim | API Solutions (athenahealth.com)
Payment plans	Payment Plan | API Solutions (athenahealth.com)
Pre-payment plans	https://docs.athenahealth.com/api/api-ref/prepayment-plan
Referral/Auth	https://docs.athenahealth.com/api/api-ref/referral-authorization#Get-referral-authorizations
Return to Office (included in Appointment Ticklers dataset)	https://docs.athenahealth.com/api/api-ref/document-type-return-office-rto#Get-specific-'return-to-office'-document
Visits and Charge Details	https://docs.athenahealth.com/api/api-ref/hospital-systems-visit#Get-list-of-hospital-visits-(with-filters)

athenahealth

Specifications for Selected Collector EHI Datasets

- **Referral Authorization Attachments**

This section describes how attachments pertaining to referral authorizations are received and provided for exports.

Input Parameters

Name	Type	Description
Order ID (List)	Array	The Order ID used to determine the attachment corresponding to a patient's referral auth order.
Context ID	Integer	The athenahealth Context ID.

Output parameters

Name	Type	Description

Response elements	N/A	{
		  data: [List of authorizationOrderExtension Objects],
		  errors: [List of errors]
		}

- **Additional information on exporting original attachment files of claims**

This section describes how attachment files, typically PDFs pertaining to claims are exported and provided for exports.

Input Parameters

Name	Type	Description
Claimattachmentid	Integer	The athenahealth identifier of the claim attachment file.

Output parameters

Name	Type	Description
Filecontent	String	Binary data pertaining to the original claim attachment file
Filetype	String	File type or extension of the claim attachment file, typically PDF