

DATA DICTIONARY

Overview

The Healthjump application exports data for EHR & PM systems on a nightly basis. This export will provide all data that was changed from the last time the application ran. It is up to the receiving application to then append this data with the data previously received. If a client requires a historical back load of data, Healthjump can provide this backload at an additional cost.

The following are considered standard data elements:

- Allergies
- Appointments
- Charge
- Demographic
- Diagnosis
- Encounter
- Immunization
- Lab Order
- Lab Result
- Medical / Surgical History
- Medication
- Procedure
- Quality Data
- Social History
- Vitals

ALLERGY

This file contains patient Allergy data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + allergy_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
type	VARCHAR	2	Allergen type.(when 2-digit code is used reference supplemental table "allergen type" below
description	VARCHAR	1000	Description of allergy. [redacted]
onset_date	VARCHAR	8	Format: YYYYMMDD
resolved_date	VARCHAR	8	Format: YYYYMMDD
severity	VARCHAR	2000	Allergy severity description. [redacted]
reaction_code	VARCHAR	2000	Code describing the reaction based on HITSP C80 Section 2.2.3.4.1
reaction	VARCHAR	2000	Allergy reaction description.
product_code	VARCHAR	20	Code describing the product, HITSP C80 Section(s): 2.2.3.3.9, 2.2.3.3.11, 2.2.3.3.7, 2.2.3.3.8)
comment	VARCHAR	4000	Allergy comments from the source system. - [Redacted]
enc_id	VARCHAR	40	The encounter ID from when this allergy was first recorded.
allergy_id	VARCHAR	40	The ID used by the source system to identify the allergy.
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		HJ Create Timestamp
hj_modify_timestamp	TIMESTAMP		HJ Modify Timestamp
encounter_hash	VARCHAR	100	encounter_hash

APPOINTMENT

This file contains patient appointment data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + client_appt_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
date	VARCHAR	8	Date of appointment. Format: YYYYMMDD
begin_time	VARCHAR	4	Beginning time of appointment. Format: HHMM
end_time	VARCHAR	4	Ending time of appointment. Format: HHMM
duration	VARCHAR	20	Duration in minutes.
resource	VARCHAR	100	HJ Hashed Value
reason	VARCHAR	1000	Reason for the appointment. - [Redacted]
type	VARCHAR	100	Type of appointment.
detail	VARCHAR	1000	Appointment details.
provider_id	VARCHAR	100	HJ Hashed Value
provider_clinician_name	VARCHAR	100	HJ Hashed Value
specialty	VARCHAR	500	Clinician Specialty
client_appt_id	VARCHAR	100	This is the appointment ID from the source system
delete_indicator	VARCHAR	1	This could be do to a cancellation or a reschedule Format: Y or N
location_id	VARCHAR	40	ID for the location of the appointment
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.

CHARGE

This file contains all charges from the practice management system used at the practice.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + client_charge_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
client_charge_id	VARCHAR	36	Charge ID obtained from the source system.
enc_id	VARCHAR	50	Source system encounter id
primary_payer_id	VARCHAR	36	ID of the primary insurance payer.
primary_financial_class	VARCHAR	1000	Name of primary insurance payer financial class.
primary_insurance_payer	VARCHAR	1000	Name of primary insurance payer.
secondary_payer_id	VARCHAR	36	ID of the secondary insurance payer.
secondary_financial_class	VARCHAR	1000	Name of secondary insurance payer financial class.
secondary_insurance_payer	VARCHAR	1000	Name of secondary insurance payer.
tertiary_payer_id	VARCHAR	36	ID of the tertiary insurance payer.
tertiary_financial_class	VARCHAR	1000	Name of tertiary insurance payer financial class.
tertiary_insurance_payer	VARCHAR	1000	Name of the tertiary insurance payer.
cpt_code	VARCHAR	500	CPT Code
cpt_code_modifiers	VARCHAR	100	CPT Modifiers
place_of_service	VARCHAR	2	Place of Service
beginning_date_of_service	VARCHAR	8	Format: YYYYMMDD
ending_date_of_service	VARCHAR	8	Format: YYYYMMDD
posting_date_of_charge	VARCHAR	8	Format: YYYYMMDD
entered_date_of_charge	VARCHAR	8	Format: YYYYMMDD

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units	NUMERIC	19, 2	Units
charge_amt	NUMERIC	19, 2	Charge Amount
allowed_amt	NUMERIC	19, 2	Allowed Amount
primary_payer_paid_amt	NUMERIC	19, 2	Primary Payer Amount Paid
secondary_payer_paid_amt	NUMERIC	19, 2	Secondary Payer Amount Paid
tertiary_payer_paid_amt	NUMERIC	19, 2	Tertiary Payer Amount Paid
patient_paid_amt	NUMERIC	19, 2	Patient Amount Paid
primary_payer_adjusted_amt	NUMERIC	19, 2	Primary Payer Adjusted Amount
secondary_payer_adjusted_amt	NUMERIC	19, 2	Secondary Payer Adjusted Amount
tertiary_payer_adjusted_amt	NUMERIC	19, 2	Tertiary Payer Adjusted Amount
patient_adjusted_amt	NUMERIC	19, 2	Patient Adjusted Amount
rendering_id	VARCHAR	36	Rendering provider ID obtained from the source system.
rendering_npi	VARCHAR	50	HJ Hashed Value
rendering_name	VARCHAR	200	HJ Hashed Value
specialty	VARCHAR	500	Clinician Specialty
dx1_code	VARCHAR	10	Diagnosis Code 1
dx2_code	VARCHAR	10	Diagnosis Code 2
dx3_code	VARCHAR	10	Diagnosis Code 3
dx4_code	VARCHAR	10	Diagnosis Code 4
dx5_code	VARCHAR	10	Diagnosis Code 5
dx6_code	VARCHAR	10	Diagnosis Code 6
dx7_code	VARCHAR	10	Diagnosis Code 7
dx8_code	VARCHAR	10	Diagnosis Code 8
dx9_code	VARCHAR	10	Diagnosis Code 9
dx10_code	VARCHAR	10	Diagnosis Code 10
dx11_code	VARCHAR	10	Diagnosis Code 11
dx12_code	VARCHAR	10	Diagnosis Code 12
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.

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source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.

DEMOGRAPHICS NON PHI

This file contains patient demographic_non_phi data.

FIELD NAME	TYPE	LEN	DESCRIPTION
chart_hash	VARCHAR	255	Immutable hash unique to the patient within the client system
patient_hash	VARCHAR	255	Hash unique to the patient within hjdata
year_of_birth	VARCHAR	255	Patient year of Birth
gender	VARCHAR	255	Patient gender (see Cross Reference Table)
zip	VARCHAR	255	3-digit zip
race	VARCHAR	255	Patient Race (see Cross Reference Table)
ethnicity	VARCHAR	255	Patient Ethnicity (see Cross Reference Table)
notes_available	VARCHAR	255	Note extraction supported

DIAGNOSIS

This file contains patient diagnosis data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + diagnosis_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
code	VARCHAR	50	Diagnosis Code - [May be Redacted due to identifiable diagnosis code/description]
code_type	VARCHAR	50	Diagnosis Code Type (ICD9, ICD10, LOINC, SNOMED)
description	VARCHAR	100	Includes diagnoses from the problem list. - [May be Redacted due to identifiable diagnosis code/description]
diagnosed_date	VARCHAR	8	Format: YYYYMMDD
diagnosed_timestamp	TIMESTAMP		Parsed the diagnosed_date column into a TIMESTAMP
therapeutic_area	VARCHAR	100	Diagnosis category
clinician	VARCHAR	100	Clinician

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specialty	VARCHAR	500	Clinician Specialty
source_table	VARCHAR	50	Diagnosis record data source location
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.

ENCOUNTER

This file contains patient encounter data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + encounter_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
visit_id	VARCHAR	40	When available, this should be an alternate human readable encounter id (e.g. encounter number (enc_nbr)). When not available, this should be the same as the unique encounter id.
encounter_type	VARCHAR	200	Encounter Type - [May be Redacted due to identifiable encounter type description]
encounter_date	VARCHAR	8	Format: YYYYMMDD
encounter_time	VARCHAR	6	Format: HHMMSS
comment	VARCHAR	1000	Comment - [Redacted]
encounter_id	VARCHAR	40	Encounter ID from the source system. Related in other tables by client_encounter_ID.
rfv_icd9	VARCHAR	1000	ICD-9 describing the patient's stated reason for seeking care. - [May be Redacted due to identifiable code/encounter type description]
clinician	VARCHAR	200	HJ Hashed Value
specialty	VARCHAR	500	Clinician Specialty
rfv_icd10	VARCHAR	1000	ICD-10 describing the patient's stated reason for seeking care. - [May be Redacted due to identifiable code/encounter type description]
rfv_loinc	VARCHAR	1000	LOINC describing the patient's stated reason for seeking care. - [May be Redacted due to identifiable code/encounter type description]
rfv_snomed	VARCHAR	1000	SNOMED describing the patient's stated reason for seeking care. - [May be Redacted due to identifiable code/encounter type description]
member_subscriber_id	VARCHAR	100	HJ Hashed Value
insurance_type	VARCHAR	100	HJ Hashed Value
status	VARCHAR	100	Ex. Filed, Pushed, Signed "Y" = Locked; "N" = Not Locked
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.

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hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
encounter_hash	VARCHAR	100	encounter_hash

IMMUNIZATION

This data contains patient immunization data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + encounter_id + client_immunization_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
service_date	VARCHAR	8	Format: YYYYMMDD (Administration Date)
service_time	VARCHAR	8	Format: HH:MM:SS
cpt_code	VARCHAR	10	CPT Code
cvx_code	VARCHAR	10	Must have CVX or RxNorm. Cannot use CPT, SNOMED or LOINC.
description	VARCHAR	250	Immunization Description [redacted]
dose	VARCHAR	50	Immunization Dose
units	VARCHAR	50	Describes the dose, ex. mg
route_code	VARCHAR	10	Route Code
route_description	VARCHAR	250	Ex. Oral / Intramuscular [redacted]
clinician_npi	VARCHAR	10	HJ Hashed Value
clinician	VARCHAR	100	HJ Hashed Value
lot_number	VARCHAR	20	The manufacturer's lot number for the product administered
encounter_id	VARCHAR	40	Identifies the encounter during which this was performed
loinc_code	VARCHAR	10	LOINC Code
snomed_code	VARCHAR	20	SNOMED Code
exception_reason_code	VARCHAR	20	Coded exception reason for not administering the immunization (patient refusal, not available), SNOMED
client_immunization_id	VARCHAR	40	Immunization ID from the client's source system
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.

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source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
encounter_hash	VARCHAR	100	encounter_hash

LAB ORDER

This data contains lab orders.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + order_number + service_code + encounter_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
order_number	VARCHAR	50	HJ Hashed Value
service_code	VARCHAR	50	Service Code associated with this lab order description from the source system
service_description	VARCHAR	1000	Service Description [redacted]
provider_id	VARCHAR	10	HJ Hashed Value
provider_name	VARCHAR	100	HJ Hashed Value
specialty	VARCHAR	500	Clinician Specialty
service_coding_system_name	VARCHAR	50	Service Coding System Name
encounter_id	VARCHAR	40	Unique encounter ID obtained from the source system.
order_date	VARCHAR	10	Format: YYYYMMDD
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
encounter_hash	VARCHAR	100	encounter_hash

LAB RESULT

This data contains lab result data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + order_number + client_lab_result_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
order_number	VARCHAR	50	HJ Hashed Value
specialty	VARCHAR	500	Clinician Specialty
date	VARCHAR	8	Format: YYYYMMDD
time	VARCHAR	8	HH:MM:SS
timestamp	TIMESTAMP		The date and time columns parsed into a single TIMESTAMP value
code	VARCHAR	50	Observation Code
value	VARCHAR	50	Observation Value
value_numeric	VARCHAR	50	Lab values converted to be numerical
units	VARCHAR	50	Observation Units
ref_range	VARCHAR	50	The upper and lower bounds that define a normal value
ref_lower	NUMERIC	19,2	Lower limit of ref range
ref_upper	NUMERIC	19,2	Upper limit of ref range
abnormal	VARCHAR	5	Abnormal Flat returned from lab (ex H, L, HH, LL, ABN)
comment	VARCHAR	1000	Result Comment - [Redacted]
observation_coding_system	VARCHAR	50	Ex. LOINC,
observation_description	VARCHAR	250	Observation Description [redacted]
status	VARCHAR	50	Whether or not the lab result was reviewed by the provider
client_lab_result_id	VARCHAR	50	Unique ID for this record obtained by the source system
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.

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hj_modify_timestamp	TIMESTAMP		Timestamp from source system
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MEDICAL / SURGICAL HISTORY

This data contains patient's medical / surgical historical data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + date + code
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
date	VARCHAR	8	Format: YYYYMMDD
code	VARCHAR	20	Type of medical/surgical history observation. (SNOMED, ICD9 or ICD10)
description	VARCHAR	1000	Value describing the medical/surgical history. (CABG, AMI, Colectomy, etc.)
comments	VARCHAR	1000	Med/Surg History Comments [Redacted]
client_medsurg_id	VARCHAR	50	Unique ID for this record obtained by the source system
row_hash	VARCHAR	32	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system

MEDICATION

This data contains patient medication data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + encounter_id + client_medication_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
id_ndc	VARCHAR	40	Medication ID – NDC
id_ndc_int	BIGINT		Same as id_ndc column but cast as an integer (no text and no leading zeros)
id_rxnorm	VARCHAR	40	Medication ID – RxNorm
id_other	VARCHAR	40	Medication ID – Other
type	VARCHAR	10	Prescription or OTC HITSP C80 Section 2.2.3.3.5
name	VARCHAR	100	Medication Name
dose	VARCHAR	60	Use HITSP C80 Section 2.2.6.6 value set
form	VARCHAR	100	Use HITSP C80 Section 2.2.3.3 value set
route	VARCHAR	100	How the medication is to be taken. (Intramuscular, Oral, Etc.)
sig_code	VARCHAR	30	Medication SIG Code
sig	VARCHAR	1000	The medication instructions. [redacted]
duration	VARCHAR	50	Length of time medication should be continued.
frequency	VARCHAR	50	How often the medication is to be administered. [redacted]
start_date	VARCHAR	10	Date medication was dispensed. Format: YYYYMMDD
stop_date	VARCHAR	10	Format: YYYYMMDD
comment	VARCHAR	1000	Comment - [Redacted]
quantity	VARCHAR	10	How much of the medication is prescribed per refill.
refill	VARCHAR	3	The number of refills remaining / allowed for the medication.
fill_status	VARCHAR	50	completed, never, dispensed, etc.
sample_indicator	CHAR	1	Y = this prescription is a sample, N = this prescription is not a sample

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generic_indicator	CHAR	1	Y = generic version may be dispensed, N = generic version is not allowed
brand_name_code	VARCHAR	20	HITSP C80 Section 2.2.3.3.7, 2.2.3.3.10
prescribed_npi	VARCHAR	10	HJ Hashed Value
specialty	VARCHAR	500	Clinician Specialty
status	VARCHAR	15	Active, Inactive, etc.
encounter_id	VARCHAR	40	Identifies the encounter during which this medication was prescribed.
encounter_date	VARCHAR	10	Format:YYYYMMDD
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
client_medication_id	VARCHAR	40	Unique ID for this medication obtained from the source system
row_hash	VARCHAR	100	Unique hash for this record
generic_name	VARCHAR	1000	Generic name of the medication based on its ndc_code
encounter_hash	VARCHAR	100	encounter_hash

PROCEDURE

This data contains patient medication data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + encounter_id + cpt4_hcpcs_code + client_procedure_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
cpt4_hcpcs_code	VARCHAR	100	CPT4/HCPCS Code - [May be Redacted due to identifiable code/procedure description]
description	VARCHAR	1000	Procedure Description - [May be Redacted due to identifiable code/procedure description]
date	VARCHAR	10	Format: YYYYMMDD
units	VARCHAR	20	Units
modifier_code1	VARCHAR	20	CPT-4 or HCPCS modifier code
modifier_code2	VARCHAR	20	CPT-4 or HCPCS modifier code
modifier_code3	VARCHAR	20	CPT-4 or HCPCS modifier code
modifier_code4	VARCHAR	20	CPT-4 or HCPCS modifier code
place_of_service	VARCHAR	100	CMS place of service. - [Redacted]
performed_by_clinician	VARCHAR	200	HJ Hashed Value
ordered_by_clinician	VARCHAR	200	HJ Hashed Value
specialty	VARCHAR	500	Clinician Specialty
encounter_id	VARCHAR	40	Identifies the encounter during which this was performed from the source system.
internal_charge_code	VARCHAR	20	Internal Charge Code
total_charges	VARCHAR	20	Total Charges
loinc_code	VARCHAR	20	LOINC Code
snomed_code	VARCHAR	20	SNOMED Code
result	VARCHAR	1000	Any result data associated with the performed procedure such as PHQ9, HCPCS, LOINC, SNOMED (mammogram, colonoscopy, diabetic eye exam results, etc.) [redacted]
dx1_code	VARCHAR	10	Dx1 Code - [May be Redacted due to identifiable code]
dx2_code	VARCHAR	10	Dx2 Code - [May be Redacted due to identifiable code]
dx3_code	VARCHAR	10	Dx3 Code - [May be Redacted due to identifiable code]

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dx4_code	VARCHAR	10	Dx4 Code - [May be Redacted due to identifiable code]
dx5_code	VARCHAR	10	Dx5 Code - [May be Redacted due to identifiable code]
dx6_code	VARCHAR	10	Dx6 Code - [May be Redacted due to identifiable code]
dx7_code	VARCHAR	10	Dx7 Code - [May be Redacted due to identifiable code]
dx8_code	VARCHAR	10	Dx8 Code - [May be Redacted due to identifiable code]
client_procedure_id	VARCHAR	40	Unique ID for this procedure obtained from the source system
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
encounter_hash	VARCHAR	100	encounter_hash

QUALITY DATA

This file contains clinical quality measure data: BMI, BP, Colonoscopy, Depression Screening, Diabetic Eye Exam, Fall Risk Assessment, HbA1c, Influenza, LVEF, Mammogram, Medication Reconciliation, Pneumo Vaccine, Tobacco Screening.

FIELD NAME	TYPE	LEN	DESCRIPTION
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
encounter_id	VARCHAR	40	Related to encounter data.
item_name	VARCHAR	500	Name of the quality data being captured.
value	VARCHAR	500	The value obtained / recorded for the test / procedure performed.
observation_date	VARCHAR	30	Format: MM/DD/YYYY HH:MM:SS AM/PM
code	VARCHAR	50	Value only exists if it is obtained from the source system.
code_type	VARCHAR	250	LOINC, SNOMED, etc.
emr_section	VARCHAR	250	HPI, Lab, Etc. This is the module from the EMR system where the data is pulled.
recorded_somewhere_in_extracts	VARCHAR	1	Y = is recorded elsewhere in the data captured by jumpSTART.
encounter_hash	VARCHAR	100	encounter_hash

SOCIAL HISTORY

This data contains a patient's social history data.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + enc_id + client_social_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
smoking_status	VARCHAR	100	SNOMED smoking indicator code defined by CMS.
marital_status	VARCHAR	100	Marital Status - [May be Redacted due to identifiable information]
employment_status	VARCHAR	100	Employment Status - [Redacted]
transportation	VARCHAR	100	Y = has available transportation, N = does not have transportation available
living_arrangement	VARCHAR	100	Living Arrangement
alcohol_user	VARCHAR	100	Y = Uses alcohol, N = Does not use alcohol
drug_user	VARCHAR	100	Y = Uses drugs, N = Does not use drugs
caffeine_user	VARCHAR	100	Y = Uses caffeine, N = does not use caffeine
sexually_active	VARCHAR	100	Y = Is sexually active, N = Is not sexually active
exercise_hours_week	VARCHAR	20	Hours of Exercise per Week
education_level	VARCHAR	200	Level of Education
enc_id	VARCHAR	40	The encounter ID from when the social history was first recorded
client_social_id	VARCHAR	50	Unique ID for this social history obtained from the source system
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
encounter_hash	VARCHAR	100	encounter_hash

VITALS

This data contains vitals data captured at the time of the patient visit.

FIELD NAME	TYPE	LEN	DESCRIPTION
hj_import_int	IDENTITY		DO NOT USE. This is used only by Healthjump to expedite processing differential data. This table's primary key is a composite of chart_hash + encounter_id + client_vitals_id
chart_hash	VARCHAR	100	Immutable hash unique to the patient within the client system
service_date	VARCHAR	8	Format: YYYYMMDD
service_time	VARCHAR	8	Format: HH:MM:SS
height_cm	VARCHAR	20	Height in centimeters.
height_in	VARCHAR	20	Height in inches.
height_comment	VARCHAR	1000	e.g. SNOMED 50373000 - [Redacted]
weight_kg	VARCHAR	20	Weight in kilograms.
weight_lbs	VARCHAR	20	Weight in pounds.
weight_comment	VARCHAR	1000	e.g. SNOMED 27113001 - [Redacted]
temperature_c	VARCHAR	20	Temperature in Celsius.
temperature_f	VARCHAR	20	Temperature in Fahrenheit.
temperature_comment	VARCHAR	1000	e.g. Temporal, SNOMED 386725007 Body Temp, SNOMED 276885007 Core Temp - [Redacted]
pulse	VARCHAR	20	Pulse
pulse_comment	VARCHAR	1000	Regular, SNOMED 78564009 Pulse Rate - [Redacted]
respiration	VARCHAR	20	Respiration
respiration_comment	VARCHAR	1000	Unlabored, SNOMED 86290005 Respiratory Rate - [Redacted]
bp_systolic	VARCHAR	20	Blood Pressure – Systolic
bp_diastolic	VARCHAR	20	Blood Pressure – Diastolic
bp_comment	VARCHAR	1000	Patient position, cuff location, cuff size, SNOMED 271649006 Systolic, SNOMED 271650006 Diastolic - [Redacted]
oxygen_saturation	VARCHAR	20	Oxygen Saturation – SpO2

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oxygen_comment	VARCHAR	1000	SNOMED 431314004 Peripheral - [Redacted]
bmi	VARCHAR	20	LOINC 39256-5
bmi_comment	VARCHAR	1000	Above Normal Range, Below Normal Range, SNOMED 238131007 Overweight, SNOMED 248342006 Underweight - [Redacted]
clinician	VARCHAR	100	HJ Hashed Value
encounter_id	VARCHAR	40	Identifies the encounter during which this was performed obtained by the source system.
comment	VARCHAR	2000	SNOMED 46680005 Vital Signs - [Redacted]
client_vitals_id	VARCHAR	40	Unique ID for this vitals obtained from the source system
row_hash	VARCHAR	100	Unique hash for this record
source_hj_create_timestamp	TIMESTAMP		Timestamp from source system.
source_hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
hj_create_timestamp	TIMESTAMP		Timestamp from source system.
hj_modify_timestamp	TIMESTAMP		Timestamp from source system.
encounter_hash	VARCHAR		encounter_hash

SUPPLEMENTAL TABLES

Below are tables that do not contain any patient data but are often needed to supplement patient data contained in other tables.

SNOMED CODES

This is a supplemental table containing all SNOMED CT codes used for cross referencing SNOMED codes found within other tables.

FIELD NAME	TYPE	DESCRIPTION
code	STRING	SNOMED CT code
name	STRING	Definition of the SNOMED code

NDC CODES

This is a supplemental table containing all NDC codes used for cross referencing NDC codes found within other tables.

FIELD NAME	TYPE	DESCRIPTION
id	STRING	A concatenation of the NDCproduct code and SPL documentID. It is included to help prevent duplicate rows from appearing when joining the product and package files together. It has no regulatory value or significance.
product_code	STRING	The labeler code and product code segments of the National Drug Code number, separated by a hyphen.
ndc_code	STRING	NDC code of the package or product. NOTE: All product ndc codes are appended with 00 in this column.
ndc_code_int	INT	Same as ndc_code above just stored as an integer
product_type_name	STRING	Indicates the type of product, such as Human Prescription Drug or Human OTC Drug.
proprietary_name	STRING	Also known as the trade name. It is the name of the product chosen by the labeler.
proprietary_name_suffix	STRING	A suffix to the proprietary name, a value here should be appended to the ProprietaryName field to obtain the complete name of the product. This suffix is often used to distinguish characteristics of a product such as extended release ("XR") or sleep aid ("PM"). Although many companies follow certain naming conventions for suffices, there is no recognized standard
non_proprietary_name	STRING	Sometimes called the generic name, this is usually the active ingredient(s) of the product.
dosage_form_name	STRING	The translation of the DosageForm Code submitted by the firm. The complete list of codes and translations can be found www.fda.gov/edrls under Structured Product Labeling Resources.

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route_name	STRING	The translation of the Route Code submitted by the firm, indicating route of administration. The complete list of codes and translations can be found at www.fda.gov/edrls under Structured Product Labeling Resources.
package_description	STRING	
start_marketing_date	STRING	This is the date that the labeler indicates was the start of its marketing of the drug product.
end_marketing_date	STRING	This is the date the product will no longer be available on the market. If a product is no longer being manufactured, in most cases, the FDA recommends firms use the expiration date of the last lot produced as the EndMarketingDate, to reflect the potential for drug product to remain available after manufacturing has ceased. Products that are the subject of ongoing manufacturing will not ordinarily have any EndMarketingDate. Products with a value in the EndMarketingDate will be removed from the NDC Directory when the EndMarketingDate is reached.
marketing_category_name	STRING	Product types are broken down into several potential Marketing Categories, such as NDA/ANDA/BLA, OTC Monograph, or Unapproved Drug. One and only one Marketing Category may be chosen for a product, not all marketing categories are available to all product types. Currently, only final marketed product categories are included. The complete list of codes and translations can be found at www.fda.gov/edrls under Structured Product Labeling Resources.
application_number	STRING	This corresponds to the NDA, ANDA, or BLA number reported by the labeler for products which have the corresponding Marketing Category designated. If the designated Marketing Category is OTC Monograph Final or OTC Monograph Not Final, then the Application number will be the CFR citation corresponding to the appropriate Monograph (e.g. "part 341"). For unapproved drugs, this field will be null.
labler_name	STRING	Name of Company corresponding to the labeler code segment of the ProductNDC.
substance_name	STRING	This is the active ingredient list. Each ingredient name is the preferred term of the UNII code submitted.
active_numerator_strength	STRING	These are the strength values (to be used with units below) of each active ingredient, listed in the same order as the SubstanceName field above.
active_ingred_unit	STRING	These are the units to be used with the strength values above, listed in the same order as the SubstanceName and SubstanceNumber.
pharm_classes	STRING	These are the reported pharmacological class categories corresponding to the SubstanceNames listed above.
dea_schedule	STRING	This is the assigned DEA Schedule number as reported by the labeler. Values are CI, CII, CIII, CIV, and CV.
ndc_exclude_flag	STRING	Values = 'Y', 'N', 'E', or 'I'. This indicates whether the product has been removed/excluded from the NDC Directory for failure to respond to FDA's requests for correction to deficient or non-compliant submissions ('Y'), or because the listing certification is expired ('E'), or because the listing

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		data was inactivated by FDA ('I'). The PRODUCT.XLS and PRODUCT.TXT files only contain listing records where NDC_EXCLUDE_FLAG='N'. The PRODUCTS_EXCLUDED.XLS and PRODUCTS_EXCLUDED.TXT file contains all listing records with an NDC_EXCLUDE_FLAG of 'Y', 'E', and 'I'.
listing_record_certified_through	STRING	This is the date when the listing record will expire if not updated or certified by the firm.
sample_package	STRING	This indicates if the package is to be distributed as a sample package. Values = 'Y' or 'N'

PLACE OF SERVICE

CMS place of service codes to specify the entity where service(s) were rendered. This table joins to charge.place_of_service.

FIELD NAME	TYPE	DESCRIPTION
place_of_service	STRING	Place of Service Code
name	STRING	Place of Service Name

ZIP LAT LONG

US Zip Code Latitude and Longitude.

FIELD NAME	TYPE	DESCRIPTION
zip	STRING	5 Digit zip code
city	STRING	City
state	STRING	State
latitude	STRING	X Coordinate
longitude	STRING	Y Coordinate
timezone	STRING	Timezone
daylight_savings_time_flag	STRING	Daylight Savings Time Indicator
geopoint	STRING	X and Y Coordinate

CROSS REFERENCE TABLES

Below are cross reference tables Healthjump uses when doing pre or post translations.

GENDER CODES

Gender Codes

Value	Description
M	Male
F	Female
U	Unknown

MARITAL STATUS

Marital Status

Value	Description
A	Separated
D	Divorced
M	Married
S	Single
W	Widowed
C	Common Law
G	Living Together
P	Domestic Partner
R	Registered Domestic Partner
E	Legally Separated
N	Annulled
I	Interlocutory
B	Unmarried
U	Unknown
O	Other
T	Unreported

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RACE

Race

Value	Description
1002-5	American Indian or Alaska Native
2028-9	Asian
2054-5	Black or African American
2076-8	Native Hawaiian or Other Pacific Islander
2106-3	White
2131-1	Other Race

ETHNIC GROUP

Ethnic Group

Value	Description
H	Hispanic or Latino
N	Not Hispanic or Latino
U	Unknown

TELEPHONE TYPE

Telephone Type

Value	Description
U	Unknown
H	Home
W	Work
M	Mobile
F	Fax
O	Other

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ALLERGEN TYPE

Allergen Types

Value	Description
DA	Drug Allergy
FA	Food Allergy
MA	Miscellaneous Allergy
MC	Miscellaneous Contraindication
EA	Environment Allergy
AA	Animal Allergy
PA	Plant Allergy
LA	Pollen Allergy

ALLERGY ACTION TYPE

Allergy Action Types

Value	Description
A	Add / Insert
D	Delete
U	Update
X	No Change

SMOKING STATUS

Smoking statuses using the SNOMED CT vocabulary.

Value	Description
449868002	Current everyday smoker
428041000124106	Current some day smoker
8517006	Former Smoker
266919005	Never smoker

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77176002	Smoker, current status unknown
266927001	Unknown if ever smoked
428071000124103	Heavy tobacco smoker
428061000124105	Light tobacco smoker

EMPLOYMENT CODES

Employment codes using the SNOMED CT vocabulary.

Value	Description
224372004	Volunteer
73760000	Homemaker
406156006	Employed for Wages
49588008	Active Duty Military
65853000	Student
73438004	Unemployed

LIVING ARRANGEMENT CODES

Living Arrangement Codes.

Value	Description
A	Alone
F	Family
I	Institution
R	Relative
U	Unknown

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S	Spouse
M	Friend / Roommate

LEVEL OF EDUCATION CODES

Level of Education Codes.

Value	Description
AH	Attended High School
GE	GED
CH	Completed High School
AU	Attended a University
CU	Completed Undergraduate Degree
AG	Attended Graduate School
CG	Completed Graduate Degree

MEDICATION STATUS DESCRIPTION

Medication Status Description.

Value	Description
Active	
Completed	
Discontinued	

ALLERGY / ADVERSE EVENT

Allergy and adverse events using the recommended code set of HITSP C80 Section 2.2.3.4.2.

Value	Description
420134006	Propensity to adverse reactions (disorder)
418038007	Propensity to adverse reactions to substance (disorder)
419511003	Propensity to adverse reactions to drug (disorder)
418471000	Propensity to adverse reactions to food (disorder)
419199007	Allergy to substance (disorder)

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416098002	Drug allergy (disorder)
414285001	Food allergy (disorder)
59037007	Drug intolerance (disorder)
235719002	Food intolerance (disorder)



Data Profile Summary - Addendum: Additional Datapoints

of Charts by Provider Specialty

Provider Specialty	# of Charts
Family Medicine	9,680,715
Internal Medicine	4,687,517
Physician Assistant	3,932,630
Family	3,534,895
Orthopedic Surgery	2,524,586
Student in an Organized Health Care Education/Training Program	2,512,234
Optometrist	2,226,855
Pediatrics	2,205,097
Nurse Practitioner	2,094,708
Ophthalmology	1,994,151
Medical	1,919,638
Gastroenterology	1,419,783
Cardiovascular Disease	1,163,134
Specialist	1,077,184
Obstetrics & Gynecology	1,018,894
General Practice	812,352
Anesthesia	779,922
None	634,210
Sports Medicine	617,382
Family Practice	610,207
Physical Therapist	590,106
Physical Medicine & Rehabilitation	589,431
Dentist	585,044
Surgical	576,339
Registered Nurse	569,830
Emergency Medicine	550,347
Diagnostic Radiology	501,647
Adult Health	497,318

Dermatology	483,651
Endocrinology, Diabetes & Metabolism	476,607
Ambulatory Surgical	444,498
Interventional Cardiology	415,475
Neurological Surgery	391,263
Rheumatology	367,299
Surgery	366,719
Pulmonary Disease	341,913
Orthopedic Surgery of the Spine	338,740
Clinical Medical Laboratory	323,456
Podiatrist	311,503
Undefined	291,607
Hand Surgery	276,601
Nurse Anesthetist, Certified Registered	268,860
Neurology	266,860
Otolaryngology	260,994
Clinical	256,211
Critical Care Medicine	256,152
Foot and Ankle Surgery	255,209
Adult Reconstructive Orthopaedic Surgery	241,495
Women's Health	235,689
Urology	226,628
Reproductive Endocrinology	224,207
Allergy & Immunology	218,878
Foot & Ankle Surgery	214,362
Prosthetic/Orthotic Supplier	208,309
Hematology & Oncology	170,345
Hospitalist	168,675
Dental General Practice	162,857
Anesthesiology	151,236
Pain Medicine	140,721
Gynecology	137,992
Primary Care	136,586
Chiropractor	131,568
Occupational Therapist	127,711

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Geriatric Medicine	127,343
Urgent Care	124,586
Advanced Practice Midwife	122,958
OD	122,376
Dietitian, Registered	117,726
Psychiatry	115,139
Adolescent Medicine	114,106
Federally Qualified Health Center (FQHC)	113,227
Infectious Disease	113,135
Endoscopy	99,047
Acute Care	96,255
Nephrology	93,531
Social Worker	91,015
Occupational Medicine	90,225
Radiology	88,112
Mental Health	88,095
Vascular Surgery	84,962
Dental Care	84,215
Emergency Medical Services	83,625
Orthopedic	77,568
Hand	73,806
Psychiatric/Mental Health	70,119
Community Health	69,404
Adult Medicine	67,344
Clinical Pathology/Laboratory Medicine	67,312
Gerontology	67,305
Midwife	65,728
Psychologist	65,361
Dental	64,836
Eyewear Supplier	62,793
Audiologist	62,062
Pharmacist	59,326
Sleep Medicine	56,892
Obstetrics	56,166
Pediatric Orthopaedic Surgery	54,494
Hypertension Specialist	45,426

Clinical Cardiac Electrophysiology	44,621
Plastic Surgery	44,603
General Acute Care Hospital	43,015
Corneal and Contact Management	42,533
Histology	42,496
Athletic Trainer	39,968
Vision Therapy	39,644
Physical Therapy Assistant	38,945
Pediatric Cardiology	38,546
Family Health	38,544
Counselor	37,899
Plastic and Reconstructive Surgery	35,965
Pediatric Medicine	34,932
Vascular & Interventional Radiology	34,446
Ophthalmologic Surgery	34,222
Colon & Rectal Surgery	33,970
Legal Medicine	33,469
Licensed Clinical Social Worker	33,332
Nuclear Cardiology	33,323
Clinical Neuropsychologist	31,192
Procedural Dermatology	31,057
Orthopedic Surgery	30,914
Foot Surgery	30,913
Nutritionist	29,978
Pediatric Endocrinology	29,858
School	29,512
Cytopathology	28,920
Orthopedic Trauma	28,794
Optometry	28,132
Internal Medicine, Geriatric Medicine	27,936
Emergency	27,415
Hospice and Palliative Medicine	27,298
OB - Gynecology	27,185
Otolaryngology/Facial Plastic Surgery	26,403
Surgery of the Hand	25,846
Professional	25,415



Public Health or Welfare	25,397
Allergy	25,261
NP Family Practice	25,258
Medical Oncology	24,564
Behavioral Health	24,463
Midlevel	24,401
Ophthalmic	22,532
Family Nurse Practitioner	22,351
Contractor	22,285
Pediatric Allergy/Immunology	22,107
Licensed Practical Nurse	22,104
Pharmacotherapy	21,959

of Patient Charts by IDC Category

IDC Category	Charts
Factors Influencing Health Status And Contact With Health Services	10,992,078
Diseases Of The Musculoskeletal System And Connective Tissue	9,867,193
Supplementary Classification Of Factors Influencing Health Status And Contact With Health Services	9,406,291
Symptoms, Signs And Abnormal Clinical And Laboratory Findings, Not Elsewhere Classified	7,813,635
Diseases Of The Respiratory System	7,353,831
Symptoms, Signs, And Ill-defined Conditions	7,058,283
Endocrine, Nutritional And Metabolic Diseases	6,020,246
Diseases Of The Circulatory System	5,925,793
Diseases Of The Digestive System	5,274,807
Diseases Of The Genitourinary System	5,093,835
Diseases Of The Nervous System And Sense Organs	5,012,995
Endocrine, Nutritional And Metabolic Diseases, And Immunity Disorders	4,955,753
Diseases Of The Skin And Subcutaneous Tissue	4,465,854
Injury, Poisoning And Certain Other Consequences Of External Causes	3,842,007
Mental, Behavioral And Neurodevelopmental	3,650,734

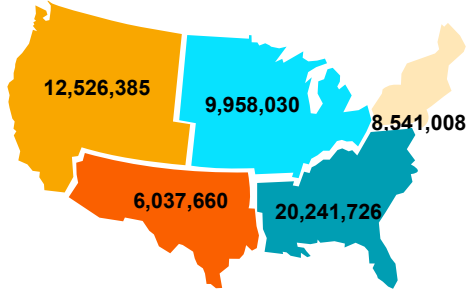
Disorders	
Certain Conditions Originating In The Perinatal Period	3,579,198
Injury And Poisoning	3,284,668
Mental Disorders	3,055,481
Diseases Of The Nervous System	3,025,784
Diseases Of The Eye And Adnexa	2,984,072
Certain Infectious And Parasitic Diseases	2,369,185
Infectious And Parasitic Diseases	2,333,767
Neoplasms	2,308,022
Diseases Of The Ear And Mastoid Process	1,796,871
UNKNOWN	1,368,273
Diseases Of The Blood And Blood-forming Organs And Certain Disorders Invo	1,290,510
Diseases Of The Blood And Blood-forming Organs	1,123,959
Congenital Malformations, Deformations And Chromosomal Abnormalities	605,462
External Causes Of Morbidity	579,289
Pregnancy, Childbirth And The Puerperium	490,589
Supplementary Classification Of External Causes Of Injury And Poisoning	479,638
Congenital Anomalies	330,070
Complications Of Pregnancy, Childbirth, And The Puerperium	247,840



Total Patient Charts

83,899,214

Of Charts by Region



of Charts by Age Range

Age Range	Charts
102-111	968,592
92-101	3,039,908
82-91	5,374,197
72-81	9,509,750
62-71	12,772,660
52-61	12,524,017
40-51	12,780,647
30-39	9,685,406
20-29	7,766,191
0-19	7,427,373

Of Charts by Year of Encounter

Years of Encounter	Charts
2021 to 2012	93,529,691
2011 to 2002	23,281,756
2001 to 1991	1,168,648

% of Encounters by Place of Service

Place of Service	Encounters
Office	86.5%
Inpatient Hospital	4.54%
Ambulatory Surgical Center	2.36%
On-Campus Inpatient Hospital	1.48%

of Patient Charts by IDC Category

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